

# CANADA SOUTHERN PETROLEUM LTD.



*1997 Annual Report  
(Includes Report on Form 10-K)*



# CANADA SOUTHERN PETROLEUM LTD.

## TO OUR SHAREHOLDERS:

It is hard to believe that 35 years ago, I was the well site geologist on the Kotaneelee discovery well and that the field has only been in production for 7 years. It is even harder to believe that your small company had to file a lawsuit in 1990 against some of the largest oil and gas companies in the world to bring the field into production, and that the litigation has been ongoing for 8 years.

The whole process has been enormously frustrating for you, the shareholders, and for the directors and employees of the Company. The decision to commence the litigation was made because there was no other alternative in dealing with the working interest partners. I can tell you from personal experience that there is a great deal of stress and little pleasure in the litigation experience, but at least it has produced some results.

Although we have not achieved all of our objectives, the field has produced for 7 years at rates close to those predicted and with over \$100,000,000 worth of gas produced from only two wells. Over \$20,000,000 has been credited to the Company's share of the carried interest account. We feel that this return on the investment of legal costs would today be considered reasonable for an oil and gas property. Without the litigation, we do not believe that the field would be in production today.

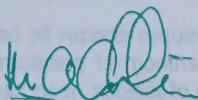
While this is a major achievement, the Company should also be compensated for the excessive costs charged to the carried interest account when the field was placed on production. The Company must ensure that the field remains in production, as long as it is profitable. In addition, we want to ensure that there is further development and exploration of the Kotaneelee structure. In this connection, based on newly obtained evidence, the Company has a motion pending to add a claim against the defendants to the effect that they also failed to develop the field in a timely manner.

The Kotaneelee field is presently the Company's major asset, and its largest financial burden in building the Company. For the year 1997, the Company's net loss was \$1.8 million, or \$.12 a share, compared to a net loss of \$1.5 million, or \$.11 per share, in 1997. Oil and gas sales were up 56% and 33%, respectively, due to the Company's ongoing exploration and development program. Although the Company has been active in various exploration areas, as is discussed in the attached Form 10-K, these activities have been constrained by the litigation costs which totaled \$1.8 million in 1997.

We greatly appreciate the patience of the shareholders, as the Company struggles to obtain a fair return on its Kotaneelee investment. The litigation has lasted much longer and been much more expensive than we expected. The Board of Directors, nevertheless, remains committed to pursuing this litigation to a successful conclusion.

On a personal note, Mr. Charles J. Horne resigned as a Director of the Company as a result of ill health. For many years, Chuck was President and was involved in the Company from its inception in the early 1950's. We wish him better health in the future and appreciate the contribution he has made to the Company.

Respectfully submitted,



M. Anthony Ashton  
President

Calgary, Alberta  
April 22, 1998





## SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

## FORM 10-K

(Mark One)

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the fiscal year ended December 31, 1997

OR

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 [NO FEE REQUIRED]

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 1-3793

## CANADA SOUTHERN PETROLEUM LTD.

(Exact name of registrant as specified in its charter)

NOVA SCOTIA, CANADA98-0085412State or other jurisdiction of  
incorporation or organization(I.R.S. Employer  
Identification No.)Suite 1410, One Palliser Square  
125 Ninth Avenue, S.E.  
Calgary, Alberta CANADAT2G OP6

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code

(403) 269-7741

Securities registered pursuant to Section 12(b) of the Act:

Title of each className of each exchange on  
which registeredLimited Voting Shares, \$1 (Canadian) per shareNASDAQ SmallCap Market  
Pacific Stock Exchange  
Boston Stock Exchange  
Toronto Stock Exchange

Securities registered pursuant to Section 12(g) of the Act:

(Title of Class)

NONE

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

☒ Yes ☐ No



Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K §229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. **[X]**

The aggregate market value of the voting stock held by non-affiliates of the registrant was approximately U.S. \$107,468,000 at March 23, 1998.

(APPLICABLE ONLY TO CORPORATE REGISTRANTS)

Indicate the number of shares outstanding of each of the registrant's classes of common stock, as of the latest practicable date.

Limited Voting Shares, par value \$1.00 (Canadian) per share, 14,234,740 shares outstanding as of March 23, 1998.

### DOCUMENTS INCORPORATED BY REFERENCE

Proxy Statement of Canada Southern Petroleum Ltd. related to the Annual Meeting of Shareholders for the year ended December 31, 1997, which is incorporated into Part III of this Form 10-K.

98-0086412 (I.R.S. Employer Identification No.)		NOVA SCOTIA CANADA State or other jurisdiction of incorporation or organization	
T2G 0P8 (Zip Code)		Suite 1410, One Palliser Square 125 North Avenue S.E. Calgary, Alberta, CANADA (Address of principal executive offices)	
(403) 298-7741 (Area Code)		Registrant's telephone number, including area code	
Name of each exchange on which registered		Securities registered pursuant to Section 12(b) of the Act	
NASDAQ SmallCap Market Pacific Stock Exchange Boston Stock Exchange Toronto Stock Exchange		Title of each class Limited Voting Shares, \$1 (Canadian) per share	
Name of each exchange on which registered		Securities registered pursuant to Section 12(g) of the Act	
(Title of Class) NONE		(Title of Class) NONE	

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

☒ Yes ☐ No

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***Unless otherwise indicated, all dollar figures set forth are expressed in Canadian currency. The exchange rate at March 23, 1998 was \$1.00 Canadian = U.S. \$.7046.***



## PART I

### Item 1. Business

The nature of Canada Southern Petroleum Ltd.'s (the "Company" or "Canada Southern") business is described at Item 1(c) herein, and a description of its principal oil and gas properties in Canada appears in Item 2 herein. For additional information regarding the development of the Company's business, see "Properties" and "Supplemental Information on Oil and Gas Activities".

#### (a) General Development of Business

##### **Yukon Territory - The Kotaneelee Field**

The Company's principal asset is a 30% carried interest in the Kotaneelee gas field located on Ex-Permit 1007 (31,888 gross acres or 9,566 net acres) in the extreme southeastern corner of the Yukon Territory. This partially developed field is connected to a major pipeline system. Two wells have been completed to date that are capable of an estimated output of in excess of 60 million cubic feet per day, the capacity of the field dehydration plant. Present production is approximately 40 million cubic feet ("mcf") per day. The operator is Anderson Exploration Ltd., which acquired all of Columbia Gas Development of Canada's interests. See "Legal Proceedings" for a discussion of the Kotaneelee Litigation concerning this asset.

Production at Kotaneelee commenced in February 1991. According to government reports, total production in billion cubic feet ("bcf") from the Kotaneelee gas field since 1991 has been as follows:

<u>Calendar Year</u>	<u>Production (bcf)</u>
1991	8.1
1992	18.0
1993	17.5
1994	16.7
1995	15.7
1996	15.2
1997	14.4

In a 1989 application to the National Energy Board, a reserve study by the operator estimated total gas in place at 1.6 trillion cubic feet with proved and probable recoverable reserves of 781 BCF.



At present, the Company does not receive any cash payments from production but is credited with 30% of the gross revenues until a like percent of the working interest costs, exclusive of any interest expense, are recovered by the operator. The Company will not receive any payment from production revenues until its share of the working interest costs are recovered. When the deferred costs are recovered, 30% of gross revenues (net of gross overriding royalties) less 30% of current working interest costs will be paid to the Company. Gross overriding royalties amount to 10% to the Canadian Federal government and 4.06% to certain individuals. The operator has reported to the Company development costs totaling approximately \$88,043,000 and, of that amount, approximately \$19,807,000 (Company share \$5,942,000) remained to be recovered at December 31, 1997. The Company has contested the amount of costs that have been charged to the carried interest account. It is estimated that the Company will not begin to receive proceeds from the Kotaneelee gas field before the year 2000, based upon a price of \$1.39 per mcf (average 1997 price) and current production rates. The period before payment to the Company begins may be shorter or longer, depending on prevailing market conditions and the results of the Kotaneelee Litigation.

### **British Columbia Properties**

The Company's major source of income is from oil and gas fields in northeast British Columbia. These fields, developed in the 1950's and 1960's, produce revenue through both working and carried interest agreements. The major working interests in these fields are operated by Canadian Natural Resources Ltd. ("CNRL"). Petro Canada had been the primary operator of the Company's carried interest lands in British Columbia.

In addition to the producing properties, since 1988 the Company has acquired a number of leases in northeast British Columbia by participating in British Columbia land sales. To date five wells have been drilled on the lands resulting in three oil discoveries and two dry holes. Currently, the Company is defining the prospects by geophysics. Work completed to date indicates that seven of the prospects justify drilling. The Company estimates that the drilling costs (excluding completion costs) of the seven prospects would be \$1,625,000. However, as most of these wells would be wildcat wells (exploratory wells), the Company plans to reduce its risk by selling or farming out part of its interest. The timing of the drilling is dependent on the availability of funds and the Company anticipates that its average net cost per well (assuming a farmout or sale) would be approximately \$75,000, or a total of \$525,000, for drilling and completion costs.

The Company's main producing properties are located in the Peejay fields in British Columbia. Although these fields have been producing for over 20 years, there is still the potential for additional exploration and development. The 1993 sale of the field by the majority owner and the appointment of a new operator resulted in new field activity. The most recent developments have included new work programs in the West Peejay and Peejay Unit #3 areas, as well as, the nearby Beaverdam area.



At West Peejay a water flood was initiated in 1997 and three wells were drilled resulting in three new oil wells and one existing well was converted to a water injector. This will increase the allowable production in the field from 359 bpd to 503 bpd. The Company has an approximate 14% interest in the oil and gas production.

The Peejay Unit #3 in which the Company has a 10.18% interest has been declining for several years and the operator has proposed producing part of the gas cap concurrent with the oil production. One development well was drilled in 1997 and is now producing oil.

In the Beaverdam area the operator has indicated plans to drill additional wells to follow up the 3 wells drilled in the 1993/1994 winter drilling season.

As of December 31, 1997, the Company held approximately 18,732 gross acres (4,434 net acres) in this area. The Company owns interest in the following units:

	Unit <u>Acreage</u>	Company <u>%</u>
Peejay Unit #1	4,529	3.1643
Weasel Unit #2	1,569	15.4136
Peejay Unit #3	5,923	10.1775

The Company also holds interests in 10 oil wells (2.64 net wells) and 10 gas wells. (2.28 net wells) not included in the above units. The Company estimates that the capital costs for its interests in the West Peejay field will aggregate approximately \$200,000 for 1998.

In the Paradise area, one well that was drilled and completed as an oil well in 1997 proved to be non-commercial. Another oil well, which was drilled under a farmout arrangement, is currently suspended. An additional farmout well which was drilled in late 1997 has been plugged and abandoned.

The Company also has interests at Buick Creek, Wargen and Siphon. The Siphon and Wargen fields have new operators. As these properties are held under the carried interest agreements, the Company is not aware of any proposed exploration and development plans for these properties, but anticipates the change of operator will cause new work to be done. In late 1997, there was activity in the Siphon field, but the Company has no information on the results.

The Company's main producing properties are located in the Peejay fields in British Columbia. Although these fields have been producing for over 20 years there is still the potential for additional exploration and development. The 1993 sale of the field by the majority owner and the appointment of a new operator resulted in new field activity. The most recent developments have included new work programs in the West Peejay and Peejay Unit #3 areas, as well as the nearby Beaverdam area.



## Arctic Islands

As of December 31, 1997, the Company held working interests in 45,100 gross acres (1,817 net acres) and carried interests in 133,260 gross acres (37,255 net acres) in the Sverdrup Basin, located in the Arctic Islands. The Hecla, Whitefish, Drake Point, Roche Point, Kristoffer, Romulus and Bent Horn fields have been designated significant discovery lands ("SDL") by the Federal Government. The Company's interests in the SDL's have been retained pending development.

Panarctic Oils Ltd. ("Panarctic"), the operator, received Federal government regulatory approvals for a pilot project to move shipments of crude oil from the Bent Horn field by tanker through the Northwest Passage to southern Canada in 1985. Through December 31, 1996, approximately 2.7 million barrels of Bent Horn crude had been sold with deliveries being made at northern Canadian and European markets as well as the eastern seaboard market. In 1996, the operator decided to shut down production from the field and dismantle the production facilities because of economic uncertainties. The Company has a 5% carried interest in the area which has not yet reached payout status. The timing of any payout is uncertain.

## Northwest Territories Properties

The Company has a 45% carried interest in the Northwest Territories in the Celibeta field designated as Significant Discovery Lands ("SDL") by the Federal Government (1,594 gross acres and 717 net acres). The gas field is presently shut-in.

## Alberta

In 1997, the Company participated in 19 wells on the Alberta lands which resulted in 11 oil wells, 4 gas wells, 2 water disposal wells, 1 suspended well and 1 dry hole.

In 1994, the Company purchased a 5% working interest in the Kitscoty heavy oil field and the related facilities. Oil recovery from this field is being enhanced by steam injection. Two horizontal holes were drilled for production with the steam being injected through vertical holes.

In 1996, the Company purchased an additional 5% working interest in the Kitscoty field. Three more wells were drilled in 1996, two horizontal wells and one vertical well. All the wells encountered oil and were completed as oil wells. One well also discovered three potential gas zones which will be evaluated for future use as fuel for the steam generation needed to enhance the oil production. Scheduled remedial work programs have been postponed pending an increase in the current low netbacks on heavy oil. Additional work at the new Lloydminster heavy oil discovery at 16-2-51-2 W4M has also been postponed for this reason.

During 1997, the Company joined in drilling 11 additional horizontal wells to develop a glauconite heavy oil (14° API) project in the Atlee/Majestic area. A multitude of production problems occurred which caused numerous delays. By year end, although only 8 of 13 wells were on-stream, the field was producing 1,000 bpd. In addition, the Company participated in two stratigraphic tests to calibrate and verify the 3D seismic. These wells were later completed as water disposal wells. New production facilities are scheduled for completion in April 1998 which should resolve the current production problems.

At year end, the Company and its partner, Probe Exploration, Inc., were negotiating to purchase additional prospective lands in the Atlee/Majestic area.

At Leduc in 1996, three wells were drilled of which two were completed as oil and gas wells and one well was a dry hole. One well encountered two potential producing zones and is currently producing at the allowable rate of 68 bpd. The Company has a 15% working interest in these wells. In 1997, a three well program resulted in 2 gas wells and 1 dry hole. The two gas wells were recently tied in at 1 Mmc/d each.

The Company also acquired a 10-20% working interest in over 12,000 acres in four other areas of Alberta. These lands were purchased on the basis of seismic work which showed a number of promising prospects. Subsequently, additional seismic work has confirmed the potential of those prospects. One was drilled in 1997 and completed as a potential gas well. A second well was drilled in early 1998 and completed as an oil well.

In Alberta, the Company currently has working interests ranging from 10% to 100% in a total of 5,690 gross (729 net) developed acres and 31,514 gross (7,989 net) undeveloped acres.

## **Saskatchewan**

The Company has a 3.75% working interest in five sections in Saskatchewan. During 1997, three wells were drilled on the lands resulting in 2 dry holes and 1 shut-in gas well.

## **Australia**

Effective November 1, 1997, the Company sold its .08% working interest in 115,596 gross (90 net) acres in the Amadeus Basin in the Northern Territory in Australia for \$3,000 to Magellan Petroleum Australia Limited ("MPAL"). Because of the limited potential of the only remaining property, the Dingo gas field, the interest was written down to a nominal value in 1992. The Dingo gas field is a shut-in gas field which is not connected to a gas pipeline.



## **United States**

### **Texas**

In 1996 and 1997, the Company participated in the drilling of 4 wells in Texas resulting in 4 potential oil wells. Two wells are shut-in pending remedial work and two wells are currently producing. Based on the results of these wells in which it has a relatively small interest, the Company has commenced a leasing program and has acquired 4 leases on which it plans to do seismic in 1998. The Company will have a 100% working interest initially in these leases.

### **California**

During March 1998, the Company agreed to participate with two other companies in a heavy oil recovery project in California. The field is estimated to have approximately 12 million barrels of oil in place with only 13% of the oil recovered to date. The initial purchase price for a 90% (75% APO) interest in the project is \$200,000 (Company share 30% - \$60,000). There is also a commitment to spend \$600,000 to perform remedial work on the field and to complete a pilot stream flood program during the first year of the project (Company share \$180,000). If the total amount of expenditures is less than \$600,000, the participants' interests will be reduced proportionately to an amount which is not less than 10% (Company share - 3%).

## **(b) Financial Information about Industry Segments**

Since the Company is primarily engaged in only one industry, oil and gas exploration and development, this item is not applicable to the Company. See Item 8 for general financial information concerning the Company.

## **(c) (1) Narrative Description of the Business**

The Company was incorporated in 1954 under the Canada Corporations Act. In 1979, it became subject to the Canadian Business Corporations Act and in 1980, was continued under the Nova Scotia Companies Act.

The Company is, either in its own right, or through other entities, engaged in the exploration for and development of properties containing or believed to contain recoverable oil and gas reserves and the sale of oil and gas from these properties. Although many of the properties in which the Company has interests are undeveloped, all properties with proved reserves are partially or fully developed. The Company's interests in exploratory ventures are on properties located in Alberta, British Columbia, the Northwest Saskatchewan and Yukon Territories and the Arctic Islands in Canada and in the United States. A principal asset of the Company is its 30% carried interest in the Kotaneelee field, a partially developed gas field (See Item 3 - "Legal Proceedings".) The Company also has interests in producing properties in British Columbia and Alberta.

Most of this acreage is covered by carried interest agreements, which provide that revenues are not payable to the Company until expenditures by the carrying partners have been recouped from production, and that operating decisions are made by the carrying partners. Generally, the Company may, at any time, as to each block or economic unit, elect to convert from a carried interest position to a working interest position by paying its share of the unrecovered expenditures for the unit, i.e., expenditures not recouped from production revenues. At December 31, 1997, the Company's share of unrecovered expenditures were as follows:

British Columbia:

Ex-permit 149	\$3,186,000
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Yukon and Northwest Territories:

Ex-permit 1007 (Kotanelee)*	\$5,942,000
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Ex-permit 2713 (Celibeta)	\$321,000
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\*See Item 3 - Legal Proceedings

(i) Principal Products

The majority of the Company's interests are carried interests. The Company also participates in the production and sale of crude oil, natural gas and natural gas liquids derived from its working interests.

(ii) Status of Product or Segment

At present, some of the properties in which the Company has interests are undeveloped and/or nonproducing.

(iii) Raw Materials

Not applicable.

(iv) Patents, Licenses, Franchises and Concessions Held

Permits and concessions are important to the Company's operations, since they allow the search for and extraction of any oil, gas and minerals discovered on the areas covered. See the detailed schedule of properties under Item 2, "Properties."

(v) Seasonality of Business

The Company's business is not seasonal, except that sales of natural gas peak during the winter heating season. Exploration and development activities are restricted in certain areas on a seasonal basis because extreme weather conditions affect transportation and the ability to pursue these activities.



(vi) Working Capital Items

Not applicable.

(vii) Customers

Substantially all oil production from the Company's properties for the current year was purchased by CNRL, the operator of the majority of the producing properties. Most of the natural gas produced from Company properties was sold by the operator, Petro Canada, to a company owned by certain British Columbia gas producers, CanWest Gas Supply Inc. The production from the Kotaneelee gas field is also being sold to CanWest Gas Supply, Inc.

(viii) Backlog

Not applicable.

(ix) Renegotiation of Profits or Termination of Contracts or Subcontracts at the Election of the Government

Not applicable.

(x) Competitive Conditions in the Business

The exploration for and production of oil and gas are highly competitive operations, both internally within the oil and gas industry and externally with producers of other types of energy. The ability to exploit a discovery of oil or gas is dependent upon considerations such as the ability to finance development costs, the availability of equipment, and engineering and construction delays and difficulties. The Company must compete with companies which have substantially greater resources available to them. Because the majority of Company interests are in remote areas, operation of its properties is more difficult and costly than in more accessible areas.

Furthermore, competitive conditions may be substantially affected by various forms of energy legislation which may have been or may be proposed in the United States and Canada; however, it is not possible to predict the nature of any such legislation which may ultimately be adopted or its effects upon the future operations of the Company. For a further discussion of Canadian governmental regulation of the petroleum industry, see Item 1(d)(2).

(xi) Research and Development

Not applicable.

(xii) Environmental Regulation

In the exploration for and development of natural resources, the Company is required to comply with significant environmental laws and regulations which add to the expense of those activities. The Company has not been required to spend significant sums to comply with clean up laws and regulations. Compliance by the Company with governmental provisions regulating the discharge of materials to the environment or otherwise relating to the protection of the environment are not expected to have a material effect on the capital expenditures, earnings or competitive position of the Company.

(xiii) Number of Persons Employed by Company

The Company currently has three full time employees, all of whom are located in Canada. The Company also relies to a great extent on consultants (approximately 10) for technical, legal, accounting and administrative services. The Company uses consultants because it is more cost effective than employing a larger full time staff.

(d) Financial Information about Foreign and Domestic Operations and Export Sales

(1) Identifiable Assets

Substantially all of the Company's operating assets and revenues are attributable to its operations in Canada.

(2) Risks Attendant to Foreign Operations

The properties in which the Company has interests are located primarily in Canada and are subject to certain risks involved in the ownership and development of such foreign property interests. These risks include but are not limited to those of: nationalization; expropriation; confiscatory taxation; native rights; changes in foreign exchange controls; currency revaluation; burdensome royalty terms; export sales restrictions; limitations on the transfer of interests in exploration licenses; and other laws and regulations which may adversely affect the Company's properties, such as those providing for conversion, proration, curtailment, cessation or other forms of limiting or controlling production of, or exploration for, hydrocarbons. Thus, an investment in the Company represents an exposure to risks in addition to those inherent in petroleum exploratory ventures.

**Governmental Regulation of the Canadian Oil and Natural Gas Industry**

The oil and natural gas industry in Canada is subject to extensive controls and regulations imposed by various levels of government relating to land tenure, production, production facilities, pricing and marketing, royalties, environmental protection and other matters. Outlined below are some of the more significant aspects of the legislation, regulations and agreements governing the oil and natural gas industry in Canada. All current legislation is a matter of public record and the Company is unable to predict whether any additional legislation or amendments may be enacted.



## **Land Tenure**

Crude oil and natural gas located in the western provinces is owned predominantly by the respective provincial governments. Provincial governments grant rights to explore for and produce oil and natural gas pursuant to leases, licenses and permits for varying terms from two years and on terms and conditions set forth in provincial legislation including requirements to perform specific work or make payments. Oil and natural gas located in such provinces can also be privately owned and rights to explore for and produce such oil and natural gas are granted by lease on such terms and conditions as may be negotiated. The term of both Crown and freehold leases will generally continue as long as oil or natural gas is produced from the property.

Oil and natural gas rights on federal lands outside of the provinces is generally regulated by the Government of Canada unless authority has been delegated by agreement to the territorial government or the government of the province adjacent to the federal offshore area. In May 1993, the Canada Yukon Oil and Gas Accord was signed which allows for the transfer to the Yukon of authority to administer and control oil and natural gas resources within that territory and for the establishment of an Oil and Gas Management Regime. The National Energy Board ("NEB") is working with Yukon officials to facilitate the transfer of oil and natural gas regulatory responsibilities in accordance with the Yukon Accord Implementation Agreement.

## **Production and Production Facilities**

The Governments of Canada, Alberta, British Columbia and Saskatchewan have enacted statutory provisions regulating the production of oil and natural gas. These regulations may restrict the maximum allowable production from a well based on reservoir engineering and/or conservation practices. The construction and operation of facilities to recover and process oil and natural gas are also subject to regulation.

## **Pricing and Marketing - Oil**

In Canada, producers of oil negotiate sales contracts directly with oil purchasers, with the result that the market determines the price of oil. Certain purchasers periodically advertise for volumes of oil they are prepared to purchase and the price being offered for such volumes. The price depends in part on oil quality, prices of competing fuels, distance to market and the value of refined products. Oil exports may be made pursuant to export contracts with terms not exceeding one year in the case of light crude, and not exceeding two years in the case of heavy crude, provided that an order approving any such export has been obtained from the NEB. Any oil export to be made pursuant to a contract of longer duration requires an exporter to obtain an export license from the NEB and the issue of such a license requires the approval of the Governor in Council.

## **Pricing and Marketing - Natural Gas**

In Canada, the price of natural gas is determined by negotiation between buyers and sellers, with the result that the market determines the price of natural gas. Natural gas exported from Canada is subject to regulation by the NEB and the Government of Canada. Exporters are free to negotiate prices and other terms with purchasers, provided that the export contracts must continue to meet certain criteria prescribed by the NEB and the Government of Canada. As is the case with oil, natural gas exports for a term of less than two years must be made pursuant to an NEB order, or, in the case of exports for a longer duration, pursuant to an NEB license and Governor in Council approval.

The Governments of Alberta, British Columbia and Saskatchewan also regulate the volume of natural gas which may be removed from those provinces for consumption elsewhere based on such factors as reserve availability, transportation arrangements and market considerations.

### **Royalties and Incentives**

The royalty regime is a significant factor in the profitability of oil and natural gas production. Royalties payable on production from lands other than Crown lands are determined by negotiations between the mineral owner and the lessee, although production from such lands may also be subject to provincial taxes and regulations. Crown royalties are determined by government regulation and are generally calculated as a percentage of the value of the gross production, and the rate of royalties payable generally depends in part on prescribed reference prices, well productivity, geographical location, field discovery date and the type or quality of the product produced. The value of the gross production for royalty purposes may be based on a deemed value for the product rather than the actual value received by the interest holder.

From time to time the Governments of Canada, Alberta, British Columbia and Saskatchewan have established incentive programs which have included royalty rate reductions, royalty holidays and tax credits for the purpose of encouraging natural gas and oil exploration or enhanced recovery projects. Incentives are intended to enhance the existing cash flow of the oil and natural gas industry and to improve the economics of finding and developing new and more costly oil and natural gas reserves. Oil royalty holidays for specific wells and royalty reductions reduce the amount of Crown royalties paid by the interest holder to the respective government. Tax credit programs provide a rebate on Crown royalties paid.



## Environmental Regulation

The oil and natural gas industry is subject to environmental regulation pursuant to local, provincial and federal legislation. Environmental legislation provides for restrictions and prohibitions on spills, releases or emissions of various substances produced in association with certain oil and natural gas industry operations. An environmental assessment and review may be required prior to initiating exploration or development projects or undertaking significant changes to existing projects. In addition, legislation requires that well and facility sites be abandoned and reclaimed to the satisfaction of the appropriate authorities. A breach of such legislation may result in the imposition of fines or penalties. Federal environmental regulations also apply to the use and transport of certain restricted and prohibited substances. The Company is committed to meeting its responsibilities to protect the environment wherever it operates and believes that it is in material compliance with applicable environmental laws and regulations. The Company has not been required to spend significant sums to comply with clean up laws and regulations. Compliance by the Company with governmental provisions regulating the discharge of materials to the environment or otherwise relating to the protection of the environment are not expected to have a material effect on the capital expenditures, earnings or competitive position of the Company.

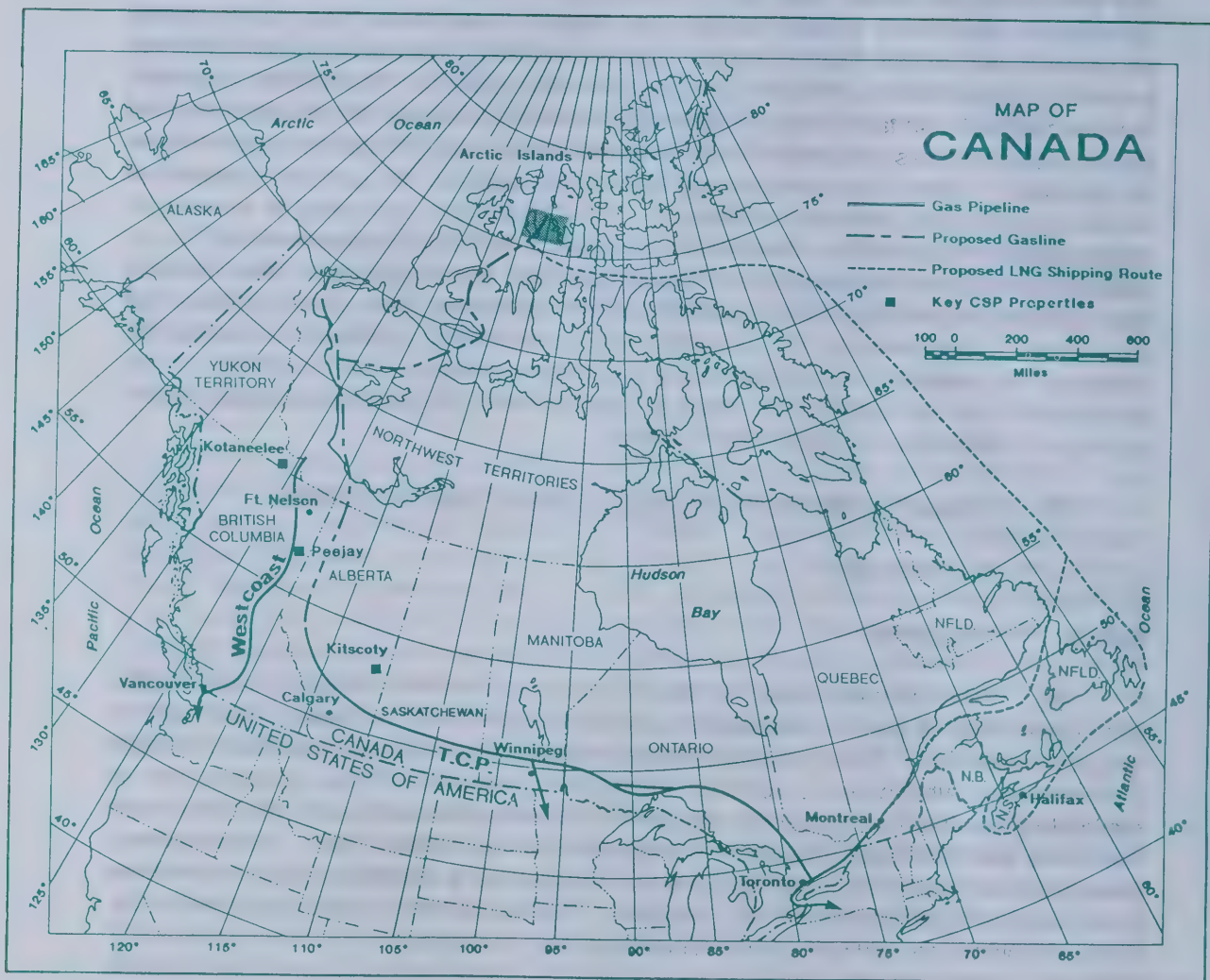
(3) Data which Are Not Indicative of Current or Future Operations

Not applicable.

## Item 2. Properties

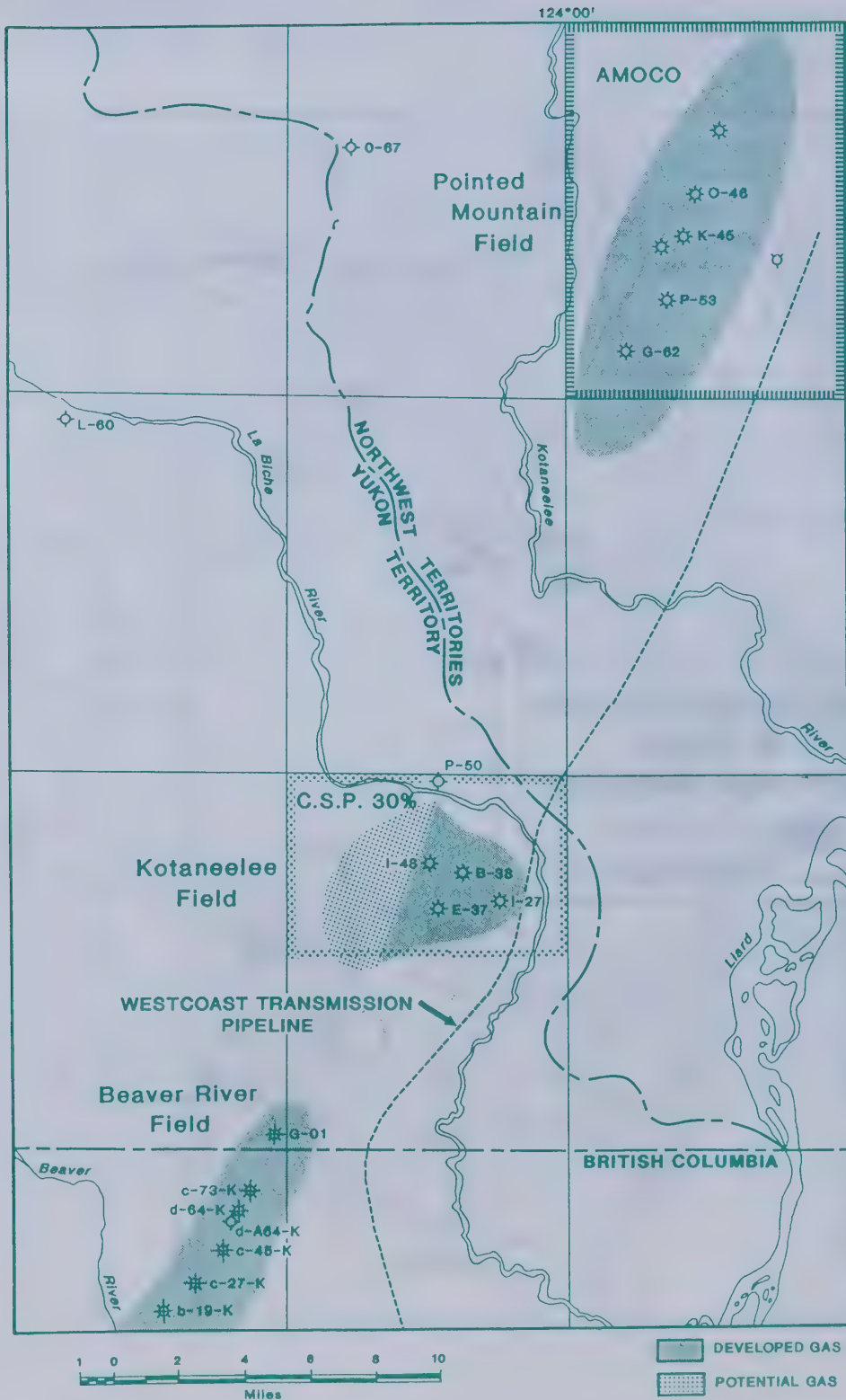
(a) The principal asset of the Company is its 30% carried interest in the Kotaneelee field, a partially developed gas field in the Yukon Territory. See Item 3. "Legal Proceedings." The Company also has interests in producing properties in British Columbia and Alberta and in several exploration prospects. These interests are in exploratory ventures in properties located in Alberta, Saskatchewan, the Northwest Territories and the Arctic Islands in Canada and in the United States. Geophysical, geological and drilling work on the Company's properties is conducted by the operators under various agreements with the Company. The results of this work are reviewed by Company personnel and consultants retained by the Company.

(b) (1) The information regarding reserves, costs of oil and gas activities, capitalized costs, discounted future net cash flows and results of operations is contained in Item 8. "Financial Statements and Supplementary Data."

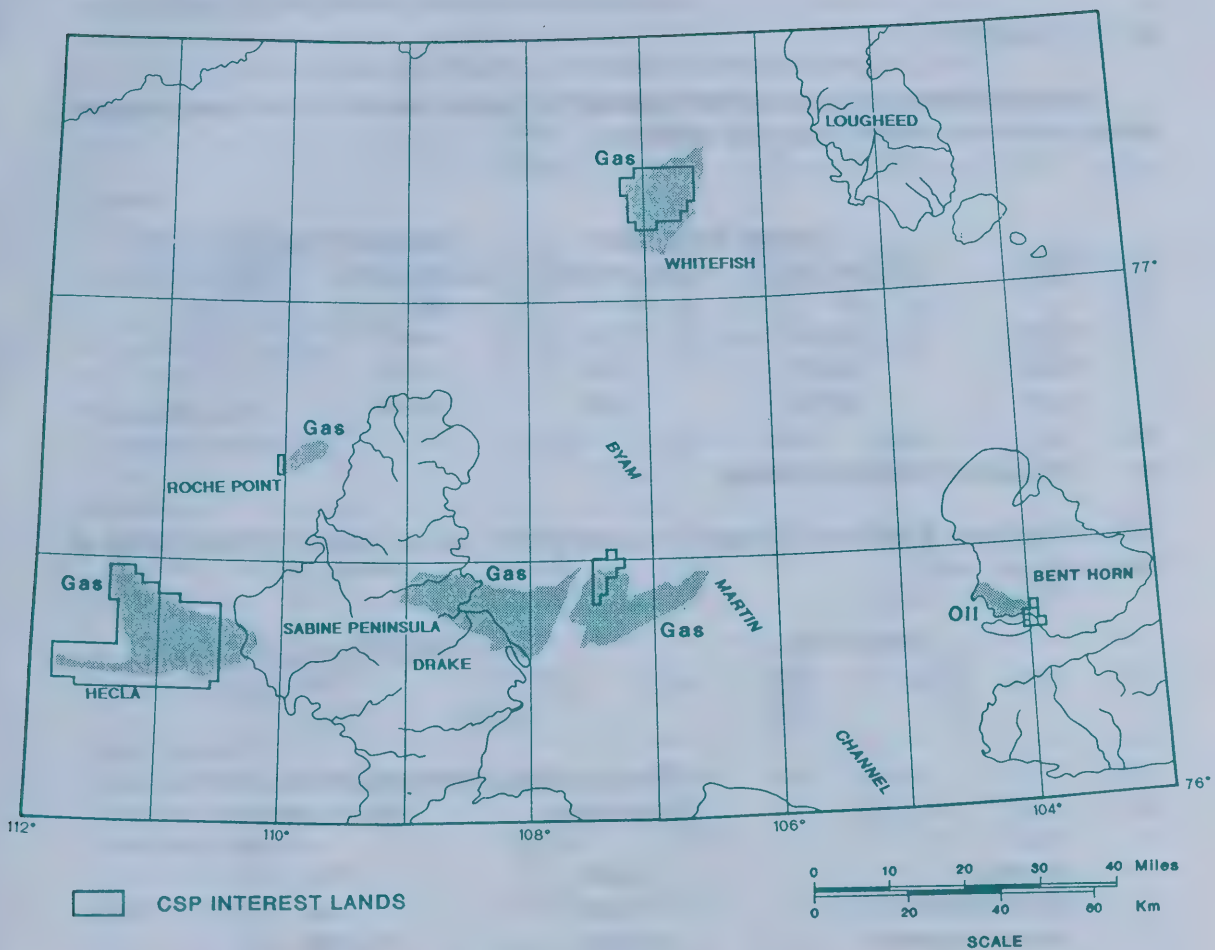








## KOTANEELEE FIELD



## ARCTIC ISLAND FIELDS

(2) Reserves Reported to Other Agencies

Not applicable.

(3) Production

Average sales price per unit and average production cost for oil and gas produced during the periods shown below are as follows:

<u>Year</u>	<u>Average Sales Price</u>		<u>Average Production Costs</u>	
	<u>Oil (per bbl.)</u>	<u>Gas (per mcf.)</u>	<u>Oil (per bbl.)</u>	<u>Gas (per mcf.)</u>
	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>
1997	22.50	2.31	8.70	1.30
1996	25.47	1.64	8.67	.79
1995	22.39	1.30	10.08	.77

(4) Productive Wells and Acreage

Productive wells and acreage on working and carried interest properties as of December 31, 1997:

<u>Gross Wells</u>		<u>Net Wells</u>	
<u>Oil</u>	<u>Gas</u>	<u>Oil</u>	<u>Gas</u>
<u>90</u>	<u>89</u>	<u>14.43</u>	<u>15.71</u>

	<u>Gross and Net Developed Acres</u>	
	<u>Gross Acres</u>	<u>Net Acres</u>
Alberta	5,690	729
Saskatchewan	640	24
British Columbia	67,058	11,729
Yukon Territory	3,350	1,005
Arctic Islands	3,060	153
Texas, USA	160	33
	<u>79,958</u>	<u>13,673</u>



(5) Undeveloped Acreage

Total developed and undeveloped acreage in which the Company has interests is summarized by geographic area in the table below:

Gross and Net Petroleum Acreage as of December 31, 1997

	Developed Acres			Undeveloped Acres		
	Gross Acres	Net Acres	%	Gross Acres	Net Acres	%
Canada:						
British Columbia:						
Carried Interests	28,592	6,043	21.1	6,415	1,363	21.2
Working Interests	20,266	4,897	24.2	39,347	13,239	33.6
Overriding royalty interest	18,200	789	4.3	2,189	30	1.4
Total British Columbia	67,058	11,729		47,951	14,632	
Saskatchewan:						
Working Interests	640	24	3.8	2,560	96	3.8
Alberta:						
Working Interests	4,410	715	16.2	30,874	7,906	25.6
Overriding Royalty Interest	1,280	14	1.1	640	83	13.0
Total Alberta	5,690	729		31,514	7,989	
Yukon & Northwest Territories:						
Carried Interests	3,350	1,005	30.0	31,726	9,757	30.8
Arctic Islands:						
Carried Interests	3,060	153	5.0	128,670	37,027	28.8
Working Interests	-	-		45,100	1,817	4.0
Total Arctic Islands	3,060	153		173,770	38,844	
Total Canada	79,798	13,640		287,521	71,318	
Texas, USA	160	33	20.6	-	-	
TOTAL	79,958	13,673		287,521	71,318	

(6) Drilling activity

Productive and dry net wells drilled during the following periods:

Year	Gross		Net	
	Productive	Dry	Productive	Dry
1997	25	2	3,606	.250
1996	10	2	1,044	.150
1995	1	3	.033	.258

(7) Present Activities

There was one well drilling at December 31, 1997.

(8) Delivery Commitments

None.

**Item 3. Legal Proceedings**

The Company, which has a 30% interest in the Kotaneelee gas field, believes that the working interest owners in the field have not adequately pursued the attainment of contracts for the sale of Kotaneelee gas. In October 1989 and in March 1990, the Company filed statements of claim in the Court of Queens Bench of Alberta, Judicial District of Calgary, Canada, against the working interest partners in the Kotaneelee gas field. The named defendants were Amoco Canada Petroleum Corporation, Ltd., Dome Petroleum Limited (now Amoco Canada Resources Ltd.), and Amoco Production Company (collectively the "Amoco Dome Group"), Columbia Gas Development of Canada Ltd. ("Columbia"), Mobil Oil Canada Ltd. ("Mobil") and Esso Resource of Canada Ltd. ("Esso") (collectively the "Defendants").

The Company claims that the Defendants breached either a contract obligation or a fiduciary duty owed to the Company to market gas from the Kotaneelee gas field when it was possible to so do. The Company asserts that marketing the Kotaneelee gas was possible in 1984 and that the Defendants deliberately failed to do so. The Company seeks money damages and the forfeiture of the Kotaneelee gas field. The Company expects to argue at trial that the money damages sustained by the Company are at least \$86 million.

In addition, the Company has claimed that the Company's carried interest account should be reduced because of the negligent operation of the field and improper charges to the carried interest account by the Defendants. The Company claims that when the Defendants in 1980 suspended production from the field's gas wells, they failed to take precautionary measures necessary to protect and maintain the wells in good operating condition. The wells thereafter deteriorated, which caused unnecessary expenditures to be incurred, including expenditures to redrill one well. In addition, the Company claims that expenditures made to repair and rebuild the field's dehydration plant should not have been necessary had the facilities been properly constructed and maintained by the Defendants. The expenditures, the Company claims, were inappropriately charged to the field's carried interest account. The effect of an increased carried interest account is to extend the period before payout begins to the carried interest account owners.



The Company claims that production from the field should have commenced in 1984. At that time the field's carried interest account was approximately \$63 million. The Company claims that by 1993 at least \$34 million of unnecessary expenses had been wrongfully charged to the carried interest account. The Company's 30% share of these expenses would be approximately \$10.2 million. The Company further claims that if production had commenced in 1984, the carried interest account would have been paid off in approximately two years and the Company would have begun to receive revenues from the field in 1986. At present, the Company does not expect to receive revenues before the year 2000, based on a price of Cdn. \$1.39 per mcf and current production rates.

Columbia has filed a counterclaim against the Company seeking, if the Company is successful in its claim for the forfeiture of the field, repayment from the Company of all sums Columbia has expended on the Kotaneelee lands before the Company is entitled to its interest.

The parties to the litigation have conducted extensive discovery since the filing of the claims. The trial began on September 3, 1996 and is ongoing. Based upon recently discovered evidence, the Company has petitioned the court for leave to amend its complaint to add a claim that the Defendants failed to develop the field in a timely manner. The Company is unable to estimate the time necessary to conclude the litigation.

### **Matters Ancillary to Kotaneelee Litigation**

In its 1989 statement of claim, the Company sought a declaratory judgment regarding two issues:

- (1) whether interest accrued on the carried interest account; and
- (2) whether expenditures for gathering lines and dehydration equipment are expenditures chargeable to the carried interest account or whether the Company will be assessed a processing fee on gas throughput.

With respect to the first issue, the Company maintains that no interest should accrue on the account and the Defendants have not contested this position. With regard to the second issue, the Company maintains that the expenditures are chargeable to the carried interest account. Mobil, Esso and Columbia have essentially agreed to the Company's position while the Amoco Dome Group continues to contest this issue.

On January 22, 1996, the Company settled two claims outstanding against the Company in the Court of Queens Bench, Calgary, Alberta, which related to a suit brought against AlliedSignal Inc. ("AlliedSignal") in Florida which was dismissed on the basis that Canada was the appropriate forum for the litigation. AlliedSignal had sought additional relief against the Company in Canada to preclude other types of suits by the Company and to recover the costs of the defense of the initial action. The settlement bars AlliedSignal from making a claim against the Company for any costs in connection with the Kotaneelee Litigation. The Company agreed not to bring any action against AlliedSignal in connection with the Kotaneelee gas field. Neither party made any monetary payment to the other party.

In 1991, Anderson Exploration Ltd. acquired all of the shares in Columbia and changed its name to Anderson Oil & Gas Inc. ("Anderson"). Anderson is now the sole operator of the field and is a direct defendant in the Canadian lawsuit. Columbia's previous parent, The Columbia Gas System, Inc., which was reorganized in a bankruptcy proceeding in the United States, is contractually liable to Anderson in the legal proceeding described above.

The working interest owners have reported that they have been selling Kotaneelee gas since February 1991.

Under Canadian law certain costs (known as "taxable costs") of the litigation may be assessed against the nonprevailing party. Taxable costs consist primarily of attorney's and expert witness fees during trial. The trial is presently scheduled to last twelve months, therefore, taxable costs could be substantial. While taxable costs are not now determinable, the Company estimates that taxable costs, assuming a twelve month trial, could be approximately \$1.5 million. However, a judge in complex and lengthy trials has the discretion to increase an award of taxable costs. There are no assurances however, that taxable costs will not exceed this amount or that the duration of the trial will not exceed twelve months. The actual trial time through March 1998 is approximately 5 months. During 1997, the Company was assessed approximately \$110,000 in taxable costs payable to the Defendants in connection with the Company's motion to disqualify Amoco's legal counsel which was denied. The amount is included in 1997 legal expenses.

There is no assurance whatever that the Company will be successful on the merits of its claims, which have been vigorously defended by the Defendants. There is also no assurance that the Company will be awarded any damages, or that, if damages are awarded, the Court will apply the measure of damages the Company claims should be applied.



**Item 4. Submission of Matters to a Vote of Security Holders**

Not applicable.

**Executive Officers of the Company**

The following information with respect to the executive officers of the Company is furnished pursuant to Instruction 3 to Item 401(b) of Regulation S-K.

<u>Name</u>	<u>Age</u>	<u>Office</u>	<u>Length of Service in this Office</u>	<u>Other Positions Held with Company</u>
M. A. Ashton	62	President	Since June 4, 1997	Director

All officers of the Company are elected annually by the Board of Directors and serve at the pleasure of the Board of Directors.

The Company is aware of no arrangement or understanding between the individual named above and any other person pursuant to which any individual was selected as an officer.

## PART II

### **Item 5. Market for the Company's Limited Voting Shares and Related Stockholder Matters**

#### **(a) Principal Markets**

The Company's Limited Voting Shares, par value \$1.00 per share, are traded on The Toronto Stock Exchange and the Pacific and Boston Stock Exchanges, and in the NASDAQ SmallCap market.

The quarterly high and low closing prices (in Canadian dollars) on The Toronto Stock Exchange during the calendar periods indicated were as follows:

<u>1996</u>	<u>1st quarter</u>	<u>2nd quarter</u>	<u>3rd quarter</u>	<u>4th quarter</u>
High	11.25	11.50	11.55	10.25
Low	7.75	8.00	8.50	8.50

<u>1997</u>	<u>1st quarter</u>	<u>2nd quarter</u>	<u>3rd quarter</u>	<u>4th quarter</u>
High	11.00	12.50	16.60	15.00
Low	8.50	7.50	12.25	10.75

The quarterly high and low closing prices (in United States dollars) on the Pacific Stock Exchange during the calendar periods indicated were as follows:

<u>1996</u>	<u>1st quarter</u>	<u>2nd quarter</u>	<u>3rd quarter</u>	<u>4th quarter</u>
High	8 1/8	8¼	8½	7 5/8
Low	6	6 1/8	6 3/8	6½

<u>1997</u>	<u>1st quarter</u>	<u>2nd quarter</u>	<u>3rd quarter</u>	<u>4th quarter</u>
High	8	9	11 15/16	11
Low	6½	5¾	8 13/16	7¼

(b) Approximate Number of Holders of Limited Voting  
Shares at March 23, 1998

<u>Title of Class</u>	<u>Approximate Number of Record Holders</u>
-----------------------	-------------------------------------------------

Limited Voting Shares, par value \$1.00 per share.	6,100
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(c) Dividends

The Company has never paid a dividend on its Limited Voting Shares. Any future dividends will be dependent on the Company's earnings, financial condition, and business prospects. The Company is legally restricted from paying any dividend or making any other payment to shareholders (except by way of return of capital) on the Limited Voting Shares until its accumulated deficit (\$21,142,464 at December 31, 1997) is eliminated.

Current Canadian law does not restrict the remittance of dividends to persons not resident of Canada. Under current Canadian tax law and the United States-Canada tax treaty, any dividends paid to U.S. shareholders are currently subject to a 15% Canadian withholding tax.



## Item 6. Selected Financial Data

The following selected consolidated financial information (in thousands except per share and exchange rate data) of the Company insofar as it relates to each of the fiscal periods shown has been extracted from the Company's consolidated financial statements.

	Year ended December 31,				
	<u>1997</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>
	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>
Operating revenues	<u>2,120</u>	<u>1,755</u>	<u>1,657</u>	<u>1,691</u>	<u>1,915</u>
Total revenues	<u>2,515</u>	<u>2,228</u>	<u>1,793</u>	<u>1,942</u>	<u>2,103</u>
Net loss	<u>(1,758)</u>	<u>(1,461)</u>	<u>(1,162)</u>	<u>(1,210)</u>	<u>(977)</u>
Net loss per share	<u>(.12)</u>	<u>(.11)</u>	<u>(.09)</u>	<u>(.10)</u>	<u>(.08)</u>
Working capital	<u>5,573</u>	<u>8,403</u>	<u>1,510</u>	<u>2,417</u>	<u>3,890</u>
Total assets	<u>20,956</u>	<u>20,375</u>	<u>12,380</u>	<u>13,390</u>	<u>14,484</u>
Shareholders' Equity:					
Capital stock	40,489	38,888	29,635	29,513	29,513
Deficit	<u>(21,143)</u>	<u>(19,385)</u>	<u>(17,923)</u>	<u>(16,762)</u>	<u>(15,552)</u>
	<u>19,346</u>	<u>19,503</u>	<u>11,712</u>	<u>12,751</u>	<u>13,961</u>
Average number of shares outstanding	<u>14,084</u>	<u>13,362</u>	<u>12,622</u>	<u>12,613</u>	<u>12,453</u>
Exchange rates:					
Year-end	<u>.6992</u>	<u>.7297</u>	<u>.7329</u>	<u>.7129</u>	<u>.7554</u>
Average for the period	<u>.7224</u>	<u>.7335</u>	<u>.7289</u>	<u>.7324</u>	<u>.7757</u>
Range	<u>.6947-.7482</u>	<u>.7234-.7520</u>	<u>.7026-.7480</u>	<u>.7098-.7634</u>	<u>.7436-.8045</u>

## 6. GAAP Information

Under U.S. generally accepted accounting principles ("GAAP"), the above selected information would be as follows (See Note 6 in Notes to Consolidated Financial Statements):

Net loss	<u>(1,588)</u>	<u>(1,236)</u>	<u>(1,001)</u>	<u>(1,140)</u>	<u>(673)</u>
Net loss per share	<u>(.11)</u>	<u>(.09)</u>	<u>(.08)</u>	<u>(.09)</u>	<u>(.05)</u>

**Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations**

**(1) Liquidity and Capital Resources**

Statements included in Management's Discussion and Analysis of Financial Condition and Results of Operations which are not historical in nature are intended to be, and are hereby identified as, "forward looking statements" for purposes of the "Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995. The Company cautions readers that forward looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from those indicated in the forward looking statements.

At December 31, 1997, the Company had approximately \$5.5 million of cash and securities available. These funds are expected to be used for general corporate purposes, including exploration and development and to continue the Kotaneelee field litigation. The Company estimates that it has adequate working capital for 1998 and 1999 and may be required to raise additional funds through the sale of properties or other means in order to complete the Kotaneelee Litigation.

Cash flow used in operations during 1997 increased to \$1,003,000 compared to \$775,000 during the 1996 period. The \$228,000 difference between the periods was caused primarily by the following:

Increase in loss from operations	\$ (311,000)
Increase in accounts receivable and other	(433,000)
Net change in current liabilities	<u>516,000</u>
Difference in net cash used in operations	<u>\$ (228,000)</u>

A significant proportion of the Company's property interests are covered by carried interest agreements, which provide that expenditures made by the operator are recouped solely out of revenues from production. Major capital expenditures made by the operators have an impact on the Company's cash flow from operations as no revenues are reported or received until the capital costs have been recovered by the operator. Properties in the Fort Nelson, British Columbia area in which the Company has carried interests have reached payout status. Proceeds from these carried interests plus oil and gas sales from working interest properties are the Company's major sources of working capital.

The Company is currently evaluating and expects to continue to evaluate oil and gas properties and may make investments in such properties utilizing cash on hand. The Company anticipates that its capital expenditures for land acquisitions and drilling for the year 1998 will be approximately \$750,000. In addition, substantial continuing expenses are expected to be incurred in connection with the Kotaneelee Litigation. During 1997, the Company expended approximately \$1.8 million in connection with the Kotaneelee Litigation which has been the principal cause of the Company's losses since 1991.

The Company has established a reserve for its potential share of future site restoration costs. The estimated amount of these costs, which total \$804,000, is being provided on a unit of production basis in accordance with existing legislation and industry practice.

The Company has determined that the year 2000 century change will have no material impact on the Company's internal operations or financial results. However, it will be dependent on its suppliers, partners and customers to make their systems year 2000 compliant.

## (2) Results of Operations

### 1997 vs. 1996

The net loss for the year 1997 was \$1,671,164, (\$.12 per share) compared to a net loss of \$1,461,283 (\$.11 per share) for the 1996 period. A summary of revenue and expenses during the periods is as follows:

	<u>1997</u>	<u>1996</u>	<u>Net Change</u>
Revenues	\$2,514,978	\$2,228,393	\$286,585
Costs and expenses	(4,272,642)	(3,689,676)	(582,966)
Net loss	<u>\$(1,757,664)</u>	<u>\$(1,461,283)</u>	<u>\$(296,381)</u>

**Oil sales increased by 46%** due primarily to an 85% increase in production which was partially offset by a 12% decrease in the average prices of oil sold. There was also a 184% increase in royalties paid by the Company. Oil unit sales in barrels ("bbls") (before deducting royalties) and the average price per barrel sold during the periods indicated were as follows:

	<u>1997</u>			<u>1996</u>		
	<u>bbls</u>	<u>Average price per bbl</u>	<u>Total</u>	<u>bbls</u>	<u>Average price per bbl</u>	<u>Total</u>
Oil sales	63,783	\$22.50	\$1,436,000	34,565	\$25.47	\$880,000
Royalties paid			(315,000)			(111,000)
Total			<u>\$1,121,000</u>			<u>\$769,000</u>

**Gas sales increased 33%.** There was a 41% increase in the average price for gas and a 2% increase in number of units sold. In addition, gas sales include royalty income which increased 35% in 1997. The volumes in million cubic feet ("mmcf") and the average price of gas per thousand cubic feet ("mcf") sold during the periods indicated were as follows:



	1997			1996		
	mmcf	Average price per mcf	Total	mmcf	Average price per mcf	Total
Gas sales	200	2.31	\$462,000	197	\$1.64	\$323,000
Royalty income			146,000			108,000
Royalties paid			(85,000)			(36,000)
Total			<u>\$523,000</u>			<u>\$395,000</u>

**Proceeds under carried interest agreements decreased 20% to \$476,000** during 1997 compared to \$591,000 in 1996. The operator of the Company's carried interest properties increased its development activities during late 1996, thereby incurring additional capital costs which were deducted in 1997. Proceeds under carried interest agreements are derived from net production revenues after payout of capital costs.

**Interest and other income decreased 17% in 1997.** Interest income increased from \$259,000 to \$336,000 in 1997 due to the increase in funds available for investment from the June 1996 rights offering to shareholders. In addition, the 1997 period includes proceeds from the sale of seismic data in the amount of \$59,000 compared to \$215,000 from such sales in 1996.

**General and administrative costs increased 23% in 1997** to \$1,105,000 from \$895,000 in 1996. Capital taxes, which are based on the Company's net worth, increased \$48,000 in 1997. Directors' fees increased \$44,000 in 1997 because four nonemployee directors are being paid fees in 1997 compared to 1996 when only two directors were paid fees. Geological and engineering expenses increased \$23,000 in 1997 because of the Company's active exploration program. Shareholders' expenses increased \$32,000 in 1997 compared to 1996 because of increased printing and mailing costs. Salaries increased \$39,000 in 1997 with the addition of a new employee.

**Legal expenses increased 18% during 1997 to \$1,898,000** compared to \$1,610,000 during 1996. These expenses are related primarily to the cost of the Kotaneelee litigation. During 1997, the Company presented a major part of its case against the working interest partners. The 1997 costs represent both legal fees and the cost of various Company experts who testified or were being prepared for testimony.

**Lease operating costs increased 68% from \$477,000 in 1996 to \$799,000** in the 1997 period. The increased costs are relative to the 85% increase in oil production. Although the revenue on these properties also increased during the period, the costs are not yet proportional to revenue because some of the new wells are awaiting installation of production facilities.

**A foreign exchange gain of \$231,000 was recorded in 1997**, contrasted with a gain of \$25,000 on the Company's U.S. investments in 1996. In 1997, the gain was attributable to a strengthening of the U.S. dollar as compared to the Canadian dollar on the Company's U.S. investments.

**Income taxes.** No provision for income taxes is required for the current period.

## 1996 vs. 1995

The net loss for the year 1996 was \$1,461,283, (\$.11 per share) compared to a net loss of \$1,161,763 (\$.09 per share) for the 1995 period. A summary of revenue and expenses during the periods is as follows:

	<u>1996</u>	<u>1995</u>	<u>Net Change</u>
Revenues	\$2,228,393	\$1,793,112	\$435,281
Costs and expenses	<u>3,689,676</u>	<u>2,954,875</u>	<u>734,801</u>
Net loss	<u>\$(1,461,283)</u>	<u>\$(1,161,763)</u>	<u>\$(299,520)</u>

**Oil sales increased by 38%** due primarily to a 14% increase in the average price of oil sold with an 18% increase in production. There was also a 13% increase in royalties paid. Oil unit sales in barrels ("bbls") (before deducting royalties) and the average price per barrel sold during the periods indicated were as follows:

	<u>1996</u>			<u>1995</u>		
	<u>bbls</u>	<u>Average price per bbl</u>	<u>Total</u>	<u>bbls</u>	<u>Average price Per bbl</u>	<u>Total</u>
Oil sales	34,565	\$25.47	\$880,000	29,198	\$22.39	\$654,000
Royalties paid			<u>(111,000)</u>			<u>(98,000)</u>
Total			<u>\$769,000</u>			<u>\$556,000</u>

**Gas sales increased 8%.** There was a 26% increase in the average price for gas which was partially offset by a 22% decrease in units sold. In addition, gas sales include royalty income which increased 17% in 1996. The volumes in million cubic feet ("mmcf") and the average price of gas per thousand cubic feet ("mcf") sold during the periods indicated were as follows:

	1996			1995		
	mmcf	Average price per mcf	Total	mmcf	Average price per mcf	Total
Gas sales	197	\$1.64	\$323,000	252	\$1.30	\$327,000
Royalty income			108,000			92,000
Royalties paid			(36,000)			(52,000)
Total			<u>\$395,000</u>			<u>\$367,000</u>

**Proceeds under carried interest agreements decreased 20% to \$591,000** during 1996 compared to \$734,000 in 1995. The operator of the Company's carried interest properties increased its development activities during late 1996, thereby incurring additional expenses. Proceeds under carried interest agreements are derived from gross production revenues after payout of these expenses.

**Interest and other income was 247% higher** in 1996. Interest income increased from \$90,000 to \$259,000 in 1996 due to the increase in funds available for investment from the June 1996 rights offering to shareholders. In addition, the 1996 period includes proceeds from the sale of seismic data in the amount of \$215,000 compared to \$46,000 in 1995.

**General and administrative costs decreased 10%** in 1996 to \$895,000 from \$988,000 in 1995. The 1995 period included higher salary expenses related to retired personnel. In addition, accounting and administrative expenses also decreased in 1996 due to cost reduction efforts.

**Lease operating costs decreased 5% from \$504,000 to \$477,000** in 1996. The decrease represents lower charges by the operators of the Company's properties during 1996.

**Legal expenses increased 83% to \$1,610,000** from \$880,000 in 1995. These expenses are related primarily to the cost of the Kotaneelee litigation which increased as a result of trial preparation and the actual costs of the trial which began on September 3, 1996.

**Depletion, depreciation and amortization expense increased 31%** in 1996 to \$655,000 from \$500,000 in 1995. The increase in depletion is the result of a decrease in gas reserves and an increase in estimated capital costs.

**Provision for restoration costs increased** to \$24,600 in 1996 compared to \$16,800 in 1995. During 1996, a charge of \$81,000 was made to the future site restoration costs account for certain abandonments costs. The Company has re-evaluated its potential liability and accordingly increased its provision for restoration costs.



**A foreign exchange gain of \$25,000 was recorded in 1996**, contrasted with a loss of \$14,000 on the Company's U.S. investments in 1995. In 1996, the gain was attributable to a strengthening of the U.S. dollar as compared to the Canadian dollar on the Company's U.S. investments.

**Income taxes.** No provision for income taxes is required for the current period.

**Item 7A. Quantitative and Qualitative Disclosure About Market Risk**

The information required by this item is not applicable to the Company until the fiscal year ending December 31, 1998.

**REPORT OF INDEPENDENT AUDITORS**

To the Shareholders of  
Canada Southern Petroleum Ltd.

We have audited the accompanying consolidated balance sheets of Canada Southern Petroleum Ltd. as at December 31, 1997 and 1996, and the consolidated statements of operations and deficit, cash flows and limited voting shares and contributed surplus for each of the years in the three year period ended December 31, 1997. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Canada Southern Petroleum Ltd. as at December 31, 1997 and 1996 and the results of its operations and the changes in its financial position for each of the years in the three year period ended December 31, 1997, in accordance with accounting principles generally accepted in Canada.

Calgary, Canada  
March 20, 1998

**ERNST & YOUNG**  
Chartered Accountants

**CANADA SOUTHERN PETROLEUM LTD.**  
(Incorporated under the laws of Nova Scotia)

**CONSOLIDATED BALANCE SHEETS**  
(Expressed in Canadian dollars)

	<b>December 31,</b>	
	<b>1997</b>	<b>1996</b>
<b>Assets</b>		
Cash and cash equivalents (Note 2)	\$ 2,129,156	\$ 2,709,597
Marketable securities (Note 3)	3,373,334	3,404,213
Accounts receivable (Note 4)	1,226,086	635,223
Prepaid insurance and other		227,368
Other assets	242,278	-
Total current assets	<u>6,970,854</u>	<u>6,976,401</u>
Marketable securities (Note 3)	-	<u>2,048,573</u>
Oil and gas properties and equipment (full cost method) (Note 4)	<u>13,984,771</u>	<u>11,349,945</u>
Total assets	<u><b>\$20,955,625</b></u>	<u><b>\$20,374,919</b></u>
<b>Liabilities and Shareholders' Equity</b>		
Current liabilities		
Accounts payable	\$ 1,120,521	\$ 439,837
Accrued liabilities (Notes 10 and 11)	277,715	182,104
Total current liabilities	<u>1,398,236</u>	<u>621,941</u>
Future site restoration costs	<u>210,974</u>	<u>250,274</u>
Contingencies (Note 8)	-	-
Shareholders' Equity		
Limited Voting Shares, par value \$1 per share (Note 5)		
Authorized – 100,000,000 shares		
Outstanding – 14,234,740 (1996 – 13,956,540) shares	14,234,740	13,956,540
Contributed surplus	26,254,139	24,930,964
Total capital	<u>40,488,879</u>	<u>38,887,504</u>
Deficit	<u>(21,142,464)</u>	<u>(19,384,800)</u>
Total shareholders' equity	<u>19,346,415</u>	<u>19,502,704</u>
Total liabilities and shareholders' equity	<u><b>\$20,955,625</b></u>	<u><b>\$20,374,919</b></u>

See accompanying notes.



# CANADA SOUTHERN PETROLEUM LTD.

## Consolidated Statements of Operations and Deficit (Expressed in Canadian dollars)

	Year ended December 31,		
	1997	1996	1995
<b>Revenues:</b>			
Oil sales	\$ 1,120,789	\$ 768,576	\$ 555,894
Gas sales	523,433	395,068	366,700
Proceeds under carried interest agreements	475,697	590,935	734,066
Interest and other income	395,059	473,814	136,452
Total revenues	<u>2,514,978</u>	<u>2,228,393</u>	<u>1,793,112</u>
<b>Costs and expenses:</b>			
General and administrative	1,104,535	894,766	988,395
Legal (Note 9)	1,897,506	1,610,477	879,821
Lease operating costs	799,372	476,562	503,648
Depletion, depreciation, and amortization	623,600	654,982	499,630
Foreign exchange (gains)	(231,457)	(24,693)	13,915
Provision for future site restoration costs	21,500	24,600	16,800
Rent	57,586	52,982	52,666
Total costs and expenses	<u>4,272,642</u>	<u>3,689,676</u>	<u>2,954,875</u>
Loss before income taxes	(1,757,664)	(1,461,283)	(1,161,763)
Income taxes (Note 6)	-	-	-
<b>Net loss</b>	<u>(1,757,664)</u>	<u>(1,461,283)</u>	<u>(1,161,763)</u>
Deficit - beginning of period	(19,384,800)	(17,923,517)	(16,761,754)
Deficit - end of period	<u>\$(21,142,464)</u>	<u>\$(19,384,800)</u>	<u>\$(17,923,517)</u>
<b>Net loss per share (Basic &amp; Diluted)</b>	<u>\$(.12)</u>	<u>\$(.11)</u>	<u>\$(.09)</u>
<b>Average number of shares Outstanding (Basic &amp; Diluted)</b>	<u>14,084,294</u>	<u>13,362,410</u>	<u>12,621,560</u>

See accompanying notes.

# CANADA SOUTHERN PETROLEUM LTD.

## Consolidated Statements of Cash Flows (Expressed in Canadian dollars)

	Year ended December 31,		
	1997	1996	1995
<b>Cash flows from operating activities:</b>			
Net loss	\$(1,757,664)	\$(1,461,283)	\$(1,161,763)
Adjustments to reconcile net loss to net cash provided by (used in) operating activity:			
Depreciation, depletion and amortization	623,600	654,982	499,630
Future site restoration costs (net)	(39,300)	(56,454)	16,800
Change in assets and liabilities:			
Accounts and interest receivable	(590,863)	(284,625)	(64,491)
Other assets	(14,910)	112,074	(85,775)
Accounts payable	680,684	314,328	(38,583)
Accrued liabilities	95,611	(54,228)	51,620
Net cash used in operations	<u>(1,002,842)</u>	<u>(775,206)</u>	<u>(782,562)</u>
<b>Cash flows from investing activities:</b>			
Additions to oil and gas properties (net)	(3,258,426)	(1,496,308)	(383,519)
Sale (purchase) of marketable securities	<u>2,079,452</u>	<u>(5,452,786)</u>	<u>-</u>
Net cash used in investing activities	<u>(1,178,974)</u>	<u>(6,949,094)</u>	<u>(383,519)</u>
<b>Cash flows from Financing Activities:</b>			
Sale of common stock less expenses	-	9,019,609	-
Exercise of stock options	<u>1,601,375</u>	<u>232,707</u>	<u>121,780</u>
Net cash from financing activities	<u>1,601,375</u>	<u>9,252,316</u>	<u>121,780</u>
Increase (decrease) in cash and cash equivalents	(580,441)	1,528,016	(1,044,301)
Cash and cash equivalents at the beginning of period	<u>2,709,597</u>	<u>1,181,581</u>	<u>2,225,882</u>
<b>Cash and cash equivalents at the end of period (Note 2)</b>	<u><u>\$2,129,156</u></u>	<u><u>\$2,709,597</u></u>	<u><u>\$1,181,581</u></u>

See accompanying notes.

# CANADA SOUTHERN PETROLEUM LTD.

## CONSOLIDATED STATEMENTS OF LIMITED VOTING SHARES AND CONTRIBUTED SURPLUS (Expressed in Canadian dollars)

	Number of shares	Limited Voting Shares \$1 par value	Contributed surplus	Total
<b>Balance at December 31, 1994</b>	12,612,791	\$12,612,791	\$16,900,617	\$29,513,408
Exercise of stock options	<u>33,000</u>	<u>33,000</u>	<u>88,780</u>	<u>121,780</u>
<b>Balance at December 31, 1995</b>	12,645,791	12,645,791	16,989,397	29,635,188
Sale of common stock	1,268,549	1,268,549	7,751,060	9,019,609
Exercise of stock options	<u>42,200</u>	<u>42,200</u>	<u>190,507</u>	<u>232,707</u>
<b>Balance at December 31, 1996</b>	13,956,540	13,956,540	24,930,964	38,887,504
Exercise of stock options	<u>278,200</u>	<u>278,200</u>	<u>1,323,175</u>	<u>1,601,375</u>
<b>Balance at December 31, 1997</b>	<u>14,234,740</u>	<u>\$14,234,740</u>	<u>\$26,254,139</u>	<u>\$40,488,879</u>

See accompanying notes.



**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**1. Summary of significant accounting policies**

**Accounting principles**

The Company prepares its accounts in accordance with accounting principles generally accepted in Canada which, except as described in Note 6, conform in all material respects with United States generally accepted accounting principles ("U.S. GAAP").

**Consolidation**

The consolidated financial statements include the accounts of Canada Southern Petroleum Ltd. and its wholly-owned subsidiaries, Canpet Inc. and C.S. Petroleum Limited.

**Use of Estimates**

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

**Cash and cash equivalents**

For the purposes of the statement of cash flows, the Company considers all highly liquid investments with a maturity of three months or less to be cash equivalents.

**Oil and gas properties and equipment**

The Company, which is engaged primarily in one industry, the exploration for and the development of oil and gas properties, principally in Canada, follows the full cost method of accounting for oil and gas properties, whereby all costs associated with the exploration for and the development of oil and gas reserves are capitalized.

The Company periodically reviews the costs associated with undeveloped properties and mineral rights to determine whether they are likely to be recovered. When such costs are not likely to be recovered, such costs are transferred to the depletable pool of oil and gas costs.

**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**1. Summary of significant accounting policies (Cont'd)**

The net carrying cost of the Company's oil and gas properties in producing cost centers is limited to an estimated recoverable amount. This amount is the aggregate of future net revenues from proved reserves and the costs of undeveloped properties, net of impairment allowances, less future general and administrative costs, financing costs and income taxes. Future net revenues are calculated using year end prices that are not escalated or discounted.

The costs of the Company's 30% carried interest in the Kotaneelee gas field are included in oil and gas properties and in the cost center for the purpose of computing depletion. In addition, the Company's share of estimated net reserves after payout are also included in the proved oil and gas reserves base for the purpose of computing depletion. However, no revenue production data will be reported for financial statement purposes until the Company is entitled to participate in the field's revenue after payout status is achieved.

Gains or losses are not recognized upon disposition of oil and gas properties unless crediting the proceeds against accumulated costs would result in a change in the rate of depletion of 20% or more.

Depletion is provided on costs accumulated in producing cost centers including well equipment using the unit of production method. For purposes of the depletion calculation, gross proved oil and gas reserves as determined by outside consultants are converted to a common unit of measure on the basis of their approximate relative energy content.

Depreciation has been computed for equipment, other than well equipment, on the straight-line method based on estimated useful lives of four to ten years.

Substantially all of the Company's exploration and development activities related to oil and gas are conducted jointly with others and accordingly the consolidated financial statements reflect only the Company's proportionate interest in such activities.

**Revenue recognition**

The Company recognizes revenue on its working interest properties from the production of oil and gas in the period the oil and gas are sold.

Revenue under carried interest agreements is recorded in the period when the proceeds become receivable. The Company is entitled to participate in oil and gas net revenues after the repayment of exploration, drilling and completion expenses to the party or parties bearing these costs. The carried interest accounts are subject to independent audits which are performed in subsequent years. In the past, these audits have resulted in both positive and negative adjustments. For these reasons, the proceeds under carried interest agreements may fluctuate each year depending on both capital expenditures and any audit adjustments.

**CANADA SOUTHERN PETROLEUM LTD.  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

(Expressed in Canadian dollars)

**December 31, 1997**

**1. Summary of significant accounting policies (Cont'd)**

**Earnings per share**

Earnings per common share is based upon the weighted average number of common and common equivalent shares outstanding during the period. In February 1997, the FASB issued Statement No. 128, Earnings per Share ("EPS"), which the Company adopted retroactively in 1997. The Company's basic and diluted calculations of EPS are the same for both U.S. and Canadian GAAP.

**Future site restoration costs**

Estimated future site restoration costs which are estimated to be \$804,000 are being provided on a unit of production basis. The provision is based on current costs of complying with existing legislation and industry practice for site restoration and abandonment. At December 31, 1997, approximately \$598,000 in such costs have not been accrued.

**Deferred income taxes**

The Company follows the deferral method of tax allocation accounting whereby the income tax provision is based on pre-tax income reported in the accounts. Under this method, full provision is made for deferred income taxes resulting from claiming deductions at the rates permitted by income tax legislation, which may differ from those used in the accounts.

**Foreign currency translation**

Transactions for settlement in U.S. dollars have been translated at average monthly exchange rates. Assets and liabilities in U.S. dollars have been translated at the year end exchange rates. Exchange gains or losses resulting from these adjustments are included in costs and expenses.

**Financial instruments**

The carrying value for cash and cash equivalents, accounts receivable, marketable securities and accounts payable approximates fair value based on anticipated cash flows and current market conditions.



**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

(Expressed in Canadian dollars)

**December 31, 1997**

**1. Summary of significant accounting policies (Cont'd)**

**Comprehensive income**

In 1997, the Financial Accounting Standards Board issued FASB Statement No. 130, Reporting Comprehensive Income. As the Company has no items of other comprehensive income, the net loss for all periods presented is equal to the comprehensive loss.

**2. Cash and cash equivalents**

The Company considers all highly liquid short term investments with maturities of three months or less at date of acquisition to be cash equivalents. Cash equivalents are carried at cost which approximates market value.

	1997	1996
Cash	\$ 436,030	\$ 319,616
Canadian bankers acceptances (2.9%)	988,437	1,441,170
U.S. Treasury Bills (5.6%)	704,689	948,811
	<u>\$2,129,156</u>	<u>\$2,709,597</u>

**3. Marketable Securities**

At December 31, 1997 and 1996, the Company held the following marketable securities which were expected to be held until maturity:

<u>1997</u>			<u>Amortized</u>	
<u>Security</u>	<u>Par value</u>	<u>Maturity Date</u>	<u>Cost</u>	<u>Fair value</u>
U.S. Federal Home Bank Note	\$ 143,021	Mar. 6, 1998	\$ 140,418	\$ 141,247
U.S. Federal Home Bank Note	286,041	Apr. 6, 1998	278,324	280,925
U.S. Federal Farm Credit Bank Note	143,021	May 4, 1998	139,600	139,469
U.S. Treasury Note	2,145,309	May 31, 1998	2,137,934	2,149,321
U.S. Federal Home Loan Bank Note	715,103	Jun. 19, 1998	677,058	683,411
Total	<u>\$3,432,495</u>		<u>\$3,373,334</u>	<u>\$3,394,373</u>

<u>1996</u>				
U.S. Treasury Bill	\$ 822,256	Mar. 27, 1997	\$ 801,637	\$ 812,570
U.S. Treasury Bill	685,213	Apr. 3, 1997	657,599	676,271
U.S. Treasury Bill	2,055,639	Jun. 26, 1997	1,944,977	2,004,289
Total short term	<u>3,563,108</u>		<u>3,404,213</u>	<u>3,493,130</u>
U.S. Treasury Bill	2,055,639	Jun. 26, 1998	2,048,573	2,056,914
Total	<u>\$5,618,747</u>		<u>\$5,452,786</u>	<u>\$5,550,044</u>

**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**4. Oil and gas properties and equipment**

	Cost	Accumulated Provisions and Writedowns	Net Book Value
<b>Balance December 31, 1997</b>			
Oil and gas properties – developed	21,192,037	7,854,066	13,337,971
Oil and gas properties (U.S.) - undeveloped	616,980		616,980
Seismic data	112,000	112,000	-
	21,921,017	7,966,066	13,954,951
Equipment	67,769	37,949	29,820
	<u>\$21,988,786</u>	<u>\$8,004,015</u>	<u>\$13,984,771</u>
<b>Balance December 31, 1996</b>			
Oil and gas properties-developed	\$18,555,130	\$7,227,874	\$11,327,256
Oil and gas properties-undeveloped	1	-	1
Seismic data	112,000	112,000	-
	18,667,131	7,339,874	11,327,257
Equipment	62,172	39,484	22,688
	<u>\$18,729,303</u>	<u>\$7,379,358</u>	<u>\$11,349,945</u>

Substantially all gas sales were made to CanWest Gas Supply Inc. and oil sales were made to Canadian Natural Resources Ltd. and Probe Exploration, Inc. ("Probe"). At December 31, 1997, a cash call in the amount of \$616,000 from Probe is included in accounts receivable.

**5. Limited voting shares and stock options**

The Memorandum of Association (Articles of Continuance) of the Company provides that no person (as defined) shall vote more than 1,000 shares.

Under the terms of the Company's 1985 and 1992 stock option plans, the Company is authorized to grant certain key employees and consultants options to purchase limited voting shares at prices based on the market price of the shares as determined on the date of the grant. The options are exercisable for five years from the date of grant.

On January 27, 1998, the Company's Board of Directors approved a stock option plan that permits the granting of both stock options and stock appreciation rights. Under the plan, which must be approved by the Company's shareholders at the June 1998 Annual Meeting, a total of 700,000 shares are being authorized.

In 1996, the Company sold 1.3 million shares to its shareholders at \$7.50 per share. The proceeds to the Company from the rights offering were \$9,019,609 after deducting the \$494,509 cost of the offering.

**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**5. Limited voting shares and stock options (Cont'd)**

Following is a summary of option transactions which reflects adjustments of the stock option prices and the number of shares subject to stock options as discussed above:

<u>Options outstanding</u>	<u>Number of shares</u>	<u>Option Prices</u> (\$)
December 31, 1994	494,700	3.45 - 7.00
Exercised	(33,000)	3.45 - 4.06
December 31, 1995	461,700	
Canceled	(137,000)	3.45 - 7.00
Exercised	(42,200)	3.45 - 8.75
Granted	150,700	3.15 - 6.37
Granted	12,500	8.75
December 31, 1996	445,700	
Exercised	(278,200)	3.70 - 8.75
Granted	35,000	13.50
December 31, 1997	202,500	6.37 - 13.50
<u>Options reserved for future grants</u>	<u>212,134</u>	

On July 8, 1996, 137,000 options to purchase limited voting shares of the Company which were previously granted were canceled and reissued to reflect the June 1996 rights offering.

For U.S. GAAP, the Company has elected to follow Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" (APB No. 25) and related interpretations in accounting for its stock options because the alternative fair value accounting provided under FASB Statement No. 123, "Accounting for Stock Based Compensation," requires use of option valuation models that were not developed for use in valuing stock options. Under APB No. 25, because the exercise price of the Company's stock options equals the market price of the underlying stock on the date of grant, no compensation expense is recognized.

Pro forma information regarding net income and earnings per share is required by Statement 123, and has been determined as if the Company had accounted for its stock options under the fair value method of that Statement. The fair value for these options was estimated at the date of grant using a Black-Scholes option pricing model.

Option valuation models require that input of highly subjective assumptions including the expected stock price volatility. The assumptions used in the 1996 valuation model were: risk free interest rate - 6.7%, expected life - 5 years and expected volatility - .396. The assumptions used in the 1997 valuation model were: risk free interest rate - 5.7%, expected life - 5 years and expected volatility - .459.



**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

(Expressed in Canadian dollars)

**December 31, 1997**

**5. Limited voting shares and stock options (Cont'd)**

Because the Company's stock options have characteristics significantly different from those of traded options, and because changes in the subjective input assumptions can materially affect the fair value estimate, in management's opinion, the existing models do not necessarily provide a reliable single measure of the fair value of its stock options.

For the purpose of pro forma disclosures, the estimated fair value of the stock options is expensed in the year of grant since the options are immediately exercisable. The Company's pro forma information follows:

	<u>Amount</u>	<u>Per Share</u>
Net loss as reported - December 31, 1996	\$(1,461,283)	\$(.11)
Stock option expense	<u>49,373</u>	<u>-</u>
Pro forma net loss - December 31, 1996	<u>\$(1,510,656)</u>	<u>\$(.11)</u>
Net loss as reported - December 31, 1997	\$(1,757,664)	\$(.12)
Stock option expense	<u>225,400</u>	<u>(.02)</u>
Pro forma net loss - December 31, 1997	<u>\$(1,983,064)</u>	<u>\$(.14)</u>

**6. Income taxes**

Income taxes vary from the amounts that would be computed by applying the Canadian federal and provincial income tax rates as follows:

	<u>1997</u>	<u>1996</u>	<u>1995</u>
	<u>44.84%</u>	<u>44.84%</u>	<u>44.84%</u>
Provision for income taxes based on combined basic Canadian federal and provincial income tax	\$(788,137)	\$(655,239)	\$(520,935)
Nondeductible crown charges	154,463	61,599	60,354
Resource allowance	232,922		
Other	21,106	478	948
Nontaxable portion of capital gain	(20,743)	-	-
Unrealized tax loss	<u>400,389</u>	<u>593,162</u>	<u>459,633</u>
Actual provision for income taxes	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

At December 31, 1997, the Company had net operating losses for income tax purposes of approximately \$3,821,000 which are available to be carried forward to future periods. These losses expire in the following years: 1998 - \$563,000, 1999 - \$194,000, 2000 - \$294,000, 2001 - \$545,000, 2002 - \$569,000, 2003 - \$1,077,000 and 2004 - \$579,000.

At December 31, 1997, the following oil and gas tax deductions are available to reduce future taxable income, subject to a final determination by taxation authorities.

**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
 (Expressed in Canadian dollars)  
**December 31, 1997**

**6. Income taxes (Cont'd)**

Canada

Drilling, exploration and lease acquisition costs	\$12,932,000
Earned depletion	1,975,000
Undepreciated capital costs	2,172,000
Cumulative eligible capital losses	407,000
Share issue costs	274,000

United States

Exploration and lease acquisition costs	\$610,000
-----------------------------------------	-----------

The tax benefits attributable to the above accumulated expenditures will not be reflected in the consolidated financial statements until such benefits are realized.

Under U.S. GAAP, the provisions for income taxes would have differed for the reasons set out below:

In February 1992, the United States Financial Accounting Standards Board issued Statement No. 109, "Accounting for Income Taxes", effective for fiscal years beginning after December 15, 1993. Under U.S. GAAP, the Company would have been required to adopt Statement No. 109 commencing July 1, 1993.

Under Statement No. 109, the liability method is used in accounting for income taxes. Under this method, deferred tax assets and liabilities are determined based on differences between financial reporting and tax bases of assets and liabilities and are measured using the enacted tax rates and laws that will be in effect when the differences are expected to reverse. Under Canadian GAAP and previously under U.S. GAAP, income tax expense is determined using the deferral method. Deferred tax expense is based on items of income and expense that are reported in different years in the financial statements and tax returns and are measured at the tax rate in effect in the year the differences originated.

The following schedule summarized the Company's income tax expense and deferred tax liability under U.S. GAAP. If Statement No. 109 was adopted, the Company would have had a deferred tax asset which primarily represents the excess of available resource deductions for income tax purposes over the recorded value of oil and gas properties together with operating and capital income tax loss carryforwards. These amounts are expected to be recovered from the production of current oil and gas reserves when the Kotaneelee litigation expenditures have ended. As certain of the resource deductions are restricted and the operating loss carryforwards are subject to expiration, there is considerable risk that certain of these deductions will not be utilized.

**CANADA SOUTHERN PETROLEUM LTD.  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

(Expressed in Canadian dollars)

**December 31, 1997**

**6. Income taxes (Cont'd)**

Accordingly, the Company would have established a valuation allowance to recognize this uncertainty. Income taxes computed in accordance with U.S. GAAP, would have resulted in a credit to the provision of taxes.

	1997	1996	1995
Deferred tax asset	\$3,663,793	\$3,233,506	\$2,351,550
Valuation reserve	<u>(2,733,655)</u>	<u>(2,473,526)</u>	<u>(1,816,792)</u>
Net deferred tax asset	<u>\$ 930,138</u>	<u>\$ 759,980</u>	<u>\$ 534,758</u>
Deferred tax recovery	<u>\$ 170,158</u>	<u>\$ 225,222</u>	<u>\$ 160,980</u>

Net loss under U.S. GAAP, in total, and per share based on average number of shares outstanding during the periods shown is as follows:

	1997	1996	1995
Net loss under Canadian GAAP before income taxes	\$(1,757,664)	\$(1,461,283)	\$(1,161,763)
Income tax adjustment	<u>8 170,158</u>	<u>225,222</u>	<u>160,980</u>
Net loss under U.S. GAAP	<u>\$(1,587,506)</u>	<u>\$(1,236,061)</u>	<u>\$(1,000,783)</u>
Per Share Basis:			
Net loss under Canadian GAAP before income taxes	\$ (.12)	\$ (.11)	\$ (.09)
Income tax adjustment	<u>.01</u>	<u>.02</u>	<u>.01</u>
Net loss under U.S. GAAP	<u>\$(.11)</u>	<u>\$(.09)</u>	<u>\$(.08)</u>

The deficit under U.S. GAAP would have been \$20,212,326 and \$18,624,820 at December 31, 1997 and 1996, respectively.

**7. Line of credit**

The Company has a line of credit with a Canadian chartered bank which provides for a loan of \$500,000. The line of credit provides for a \$125,000 operating loan and \$375,000 for letters of credit as part of the directors' indemnification agreements. The interest rate on borrowing is at ¾% above the bank's prime lending rate. The line of credit is subject to annual review and is secured by a general assignment of accounts receivable and an undertaking to provide security in the form of assignment of future working interest proceeds. No drawings were made under this line during 1997 or 1996.



**CANADA SOUTHERN PETROLEUM LTD.  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

(Expressed in Canadian dollars)

**December 31, 1997**

**8. Litigation**

The Company, which has a 30% interest in the Kotaneelee gas field, believes that the working interest owners in the field have not adequately pursued the attainment of contracts for the sale of Kotaneelee gas. In October 1989 and in March 1990, the Company filed statements of claim in the Court of Queens Bench of Alberta, Judicial District of Calgary, Canada, against the working interest partners in the Kotaneelee gas field. The named defendants were Amoco Canada Petroleum Corporation, Ltd., Dome Petroleum Limited (now Amoco Canada Resources Ltd.), and Amoco Production Company (collectively the "Amoco Dome Group"), Columbia Gas Development of Canada Ltd. ("Columbia"), Mobil Oil Canada Ltd. ("Mobil") and Esso Resource of Canada Ltd. ("Esso") (collectively the "Defendants").

The Company claims that the Defendants breached either a contract obligation or a fiduciary duty owed to the Company to market gas from the Kotaneelee gas field when it was possible to so do. The Company asserts that marketing the Kotaneelee gas was possible in 1984 and that the Defendants deliberately failed to do so. The Company seeks money damages and the forfeiture of the Kotaneelee gas field. The Company expects to argue at trial that the money damages sustained by the Company are at least \$86 million.

In addition, the Company has claimed that the Company's carried interest account should be reduced because of the negligent operation of the field and improper charges to the carried interest account by the Defendants. The Company claims that when the Defendants in 1980 suspended production from the field's gas wells, they failed to take precautionary measures necessary to protect and maintain the wells in good operating condition. The wells thereafter deteriorated, which caused unnecessary expenditures to be incurred, including expenditures to redrill one well. In addition, the Company claims that expenditures made to repair and rebuild the field's dehydration plant should not have been necessary had the facilities been properly constructed and maintained by the Defendants. The expenditures, the Company claims, were inappropriately charged to the field's carried interest account. The effect of an increased carried interest account is to extend the period before payout begins to the carried interest account owners.

The Company claims that production from the field should have commenced in 1984. At that time the field's carried interest account was approximately \$63 million. The Company claims that by 1993 at least \$34 million of unnecessary expenses had been wrongfully charged to the carried interest account. The Company's 30% share of these expenses would be approximately \$10.2 million. The Company further claims that if production had commenced in 1984, the carried interest account would have been paid off in approximately two years and the Company would have begun to receive revenues from the field in 1986. At present, the Company does not expect to receive revenues before the year 2000, based on a price of Cdn. \$1.39 per mcf and current production rates.

**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**8. Litigation (Cont'd)**

Columbia has filed a counterclaim against the Company seeking, if the Company is successful in its claim for the forfeiture of the field, repayment from the Company of all sums Columbia has expended on the Kotaneelee lands before the Company is entitled to its interest.

The parties to the litigation have conducted extensive discovery since the filing of the claims. The trial began on September 3, 1996 and is ongoing. Based upon recently discovered evidence, the Company has petitioned the court for leave to amend its complaint to add a claim that the Defendants failed to develop the field in a timely manner. The Company is unable to estimate the time necessary to conclude the litigation.

**Matters Ancillary to Kotaneelee Litigation**

In its 1989 statement of claim, the Company sought a declaratory judgment regarding two issues:

- (1) whether interest accrued on the carried interest account; and
- (2) whether expenditures for gathering lines and dehydration equipment are expenditures chargeable to the carried interest account or whether the Company will be assessed a processing fee on gas throughput.

With respect to the first issue, the Company maintains that no interest should accrue on the account and the Defendants have not contested this position. With regard to the second issue, the Company maintains that the expenditures are chargeable to the carried interest account. Mobil, Esso and Columbia have essentially agreed to the Company's position while the Amoco Dome Group continues to contest this issue.

On January 22, 1996, the Company settled two claims outstanding against the Company in the Court of Queens Bench, Calgary, Alberta, which related to a suit brought against AlliedSignal Inc. ("AlliedSignal") in Florida which was dismissed on the basis that Canada was the appropriate forum for the litigation. AlliedSignal had sought additional relief against the Company in Canada to preclude other types of suits by the Company and to recover the costs of the defense of the initial action. The settlement bars AlliedSignal from making a claim against the Company for any costs in connection with the Kotaneelee Litigation. The Company agreed not to bring any action against AlliedSignal in connection with the Kotaneelee gas field. Neither party made any monetary payment to the other party.



**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**8. Litigation (Cont'd)**

In 1991, Anderson Exploration Ltd. acquired all of the shares in Columbia and changed its name to Anderson Oil & Gas Inc. ("Anderson"). Anderson is now the sole operator of the field and is a direct defendant in the Canadian lawsuit. Columbia's previous parent, The Columbia Gas System, Inc., which was reorganized in a bankruptcy proceeding in the United States, is contractually liable to Anderson in the legal proceeding described above.

The working interest owners have reported that they have been selling Kotaneelee gas since February 1991.

Under Canadian law certain costs (known as "taxable costs") of the litigation may be assessed against the nonprevailing party. Taxable costs consist primarily of attorney's and expert witness fees during trial. The trial is presently scheduled to last twelve months, therefore, taxable costs could be substantial. While taxable costs are not now determinable, the Company estimates that taxable costs, assuming a twelve month trial, could be approximately \$1.5 million. However, a judge in complex and lengthy trials has the discretion to increase an award of taxable costs. There are no assurances however, that taxable costs will not exceed this amount or that the duration of the trial will not exceed twelve months. The actual trial time through March 1998 is approximately 5 months. During 1997, the Company was assessed approximately \$110,000 in taxable costs payable to the Defendants in connection with the Company's motion to disqualify Amoco's legal counsel which was denied. The amount is included in 1997 legal expenses.

There is no assurance whatever that the Company will be successful on the merits of its claims, which have been vigorously defended by the Defendants. There is also no assurance that the Company will be awarded any damages, or that, if damages are awarded, the Court will apply the measure of damages the Company claims should be applied.

**9. Related party transactions**

Fees paid or accrued for legal services rendered to the Company by Reasoner, Davis & Fox, (of which firm Mr. C. Dean Reasoner, a director of the Company until March 11, 1997, is a partner,) were U.S. \$111,000 and \$133,000 for the years 1996 and 1995, respectively.

In 1991, the Company granted interests to certain of its officers, employees, directors, counsel and consultants amounting to an aggregate of 7.8% of any and all benefits to the Company after expenses from the litigation in Canada relating to the Kotaneelee gas field. The Company has reserved a 2.2% interest in such net benefits for possible future grants to persons who may include officers and directors of the Company.



**CANADA SOUTHERN PETROLEUM LTD.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
(Expressed in Canadian dollars)  
**December 31, 1997**

**9. Related party transactions (Cont'd)**

Messrs. Heath and Reasoner have royalty interests in certain of the Company's oil and gas properties, (present and past) which were received directly or indirectly through the Company. The Company and third-party operators and/or owners of properties made payments pursuant to these royalties for the benefit of Mr. Reasoner were U.S. \$5,342 and \$6,159 in 1996 and 1995, and for Mr. Heath U.S. \$11,158, \$10,844 and \$12,777 in 1997, 1996 and 1995, respectively.

**10. Other financial information**

Accrued liabilities

	<u>1997</u>	<u>1996</u>
Accrued liabilities due to working interest partners	\$	\$ 12,050
Accrued accounting and legal expenses	137,650	52,793
Accrued royalties	139,645	116,415
Other	420	846
	<u>\$277,715</u>	<u>\$182,104</u>

	<u>Year ended December 31,</u>		
	<u>1997</u>	<u>1996</u>	<u>1995</u>
Royalty payments (1)	<u>\$366,661</u>	<u>\$147,572</u>	<u>\$150,224</u>
Interest payments (2)	<u>\$ 6,650</u>	<u>\$ 7,099</u>	<u>\$ 10,000</u>
Large corporation tax payments	<u>\$ 27,388</u>	<u>\$ 2,741</u>	<u>\$ 4,527</u>

(1) *Oil and gas sales are reported net of royalties paid.*

(2) *Bank line of credit charges.*

**11. Other commitments**

During March 1998, the Company agreed to participate with two other companies in a heavy oil recovery project in California. The field is estimated to have approximately 12 million barrels of oil in place with only 13% of the oil recovered to date. The initial purchase price for a 90% (75% APO) interest in the project is \$200,000 (Company share 30% - \$60,000). There is also a commitment to spend \$600,000 to perform remedial work on the field and to complete a pilot stream flood program during the first year of the project (Company share \$180,000). If the total amount of expenditures is less than \$600,000, the participants' interests will be reduced proportionately to an amount which is not less than 10% (Company share - 3%).

**CANADA SOUTHERN PETROLEUM LTD.**  
**SUPPLEMENTARY INFORMATION ON OIL AND GAS ACTIVITIES**  
(unaudited)

The following information includes estimates which are subject to rapid and unanticipated change. Therefore, these estimates may not accurately reflect future net income to the Company.

All amounts below except for costs, acreage, wells drilled and present activities relate to Canada. Oil and gas reserve data and the information relating to cash flows were provided by Paddock Lindstrom & Associates Ltd., independent consultants.

**Estimated net quantities of proved oil and gas reserves:**

	Oil (bbls)	Gas (bcf)
<b>Proved reserves:</b>		
December 31, 1994	473,600	32.957
Revisions of previous estimates	(157,908)	1.559
Production*	<u>(30,892)</u>	<u>(1.311)</u>
December 31, 1995	284,800	33.205
Revisions of previous estimates	178,448	(2.655)
Production*	<u>(37,448)</u>	<u>(1.519)</u>
December 31, 1996	425,800	29.031
Revisions of previous estimates	179,333	(3.802)
Production*	<u>(71,333)</u>	<u>(.838)</u>
December 31, 1997	<u>533,800</u>	<u>24.391</u>
<b>Proved developed reserves:</b>		
December 31, 1994	<u>473,600</u>	<u>32.957</u>
December 31, 1995	<u>284,800</u>	<u>33.205</u>
December 31, 1996	<u>358,400</u>	<u>28.265</u>
December 31, 1997	<u>508,200</u>	<u>24.391</u>

\* Production data includes oil and gas sales and the proceeds from the carried interest properties.

## Results of oil and gas operations:

	1997	1996	1995
Income:			
Oil and gas sales	\$1,644,222	\$1,163,644	\$ 922,594
Proceeds under carried interest agreements	<u>475,697</u>	<u>590,935</u>	<u>734,066</u>
	<u>2,119,919</u>	<u>1,754,579</u>	<u>1,656,660</u>
Costs and expenses:			
Production costs	799,372	476,562	503,648
Depletion depreciation, and amortization	623,600	654,982	499,630
Provision for future site restoration costs	21,500	24,600	16,800
Income tax expense	<u>-</u>	<u>-</u>	<u>-</u>
	<u>1,444,472</u>	<u>1,156,144</u>	<u>1,020,078</u>
Net income from operations	<u>\$ 675,447</u>	<u>\$ 598,453</u>	<u>\$ 636,582</u>

## Costs of oil and gas activities:

	1997	1996	1995
Acquisition costs	\$ 399,000	\$484,000	\$ 49,000
Exploration	546,000	146,000	92,000
Development	2,313,000	866,000	243,000

## Standardized measure of discounted future net cash flows relating to proved oil and gas reserve quantities during the following period (in thousands of dollars):

	1997	1996	1995
Future cash inflows	\$46,435	\$ 49,410	\$ 48,298
Future development and production costs	<u>(22,517)</u>	<u>(20,813)</u>	<u>(18,473)</u>
	23,918	28,597	29,825
Future income tax expense*	<u>(1,573)</u>	<u>(2,931)</u>	<u>(4,218)</u>
Future net cash flows	22,345	25,666	25,607
10% annual discount	<u>(7,836)</u>	<u>(9,691)</u>	<u>(10,679)</u>
Standardized measure of discounted future net cash flows	<u>\$ 14,509</u>	<u>\$ 15,975</u>	<u>\$ 14,928</u>

\* Reflects tax benefit for the years 1997, 1996 and 1995, from carryforward of exploration, development and lease acquisition costs, undepreciated capital costs and book earned depletion of \$18,065,000, \$17,032,000 and \$13,679,000.

Current prices used in the foregoing estimates were based upon selling prices at the wellhead in the last month of each fiscal period. Current costs were based upon estimates made by consulting engineers at the end of each year.



**Changes in the standardized measure during the following periods (in thousands of dollars):**

	Year ended December 31,		
	1997	1996	1995
Changes due to:			
Prices and production costs	\$ (579)	\$ 3,248	\$ (88)
Future development costs	(2,350)	(1,049)	83
Sales net of production costs	(1,562)	(1,330)	(1,428)
Development costs incurred during the year	2,313	866	243
Net change due to extensions, discoveries and improved recovery	1,692	1,458	
Revisions of quantity estimates	(3,642)	(4,229)	(3,404)
Accretion of discount	1,723	1,660	1,927
Net change in income taxes	939	423	1,078
Net change	<u>\$(1,466)</u>	<u>\$ 1,047</u>	<u>\$(1,589)</u>

**Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure**

None.

**PART III**

For information concerning Item 10 - Directors and Executive Officers of the Company, Item 11 - Executive Compensation, Item 12 - Security Ownership of Certain Beneficial Owners and Management and Item 13 - Certain Relationships and Related Transactions, see the Proxy Statement of Canada Southern Petroleum Ltd. relative to the Annual Meeting of Shareholders for the fiscal year ended December 31, 1997, which will be filed with the Securities and Exchange Commission, which information is incorporated herein by reference. For information concerning Item 10 - Executive Officers of the Company, see Part I.

## PART IV

### Item 14. Exhibits, Financial Statement Schedules, and Reports on Form 8-K

#### (a) (1) Financial Statements

The financial statements listed below and included under Item 8, above are filed as part of this report.

	<u>Page Reference</u>
Report of Independent Auditors	35
Consolidated balance sheets at December 31, 1997 and 1996 For the years ended December 31, 1997, 1996 and 1995	36
Consolidated statements of operations and deficit	37
Consolidated statements of cash flows	38
Consolidated statements of Limited Voting Shares and Contributed Surplus for the three years ended December 31, 1997	39
Notes to consolidated financial statements	40-52
Supplementary information on oil and gas activities (unaudited)	53

#### (2) Consolidated Financial Statement Schedules

All schedules have been omitted since the required information is not present or not present in amounts sufficient to require submission of the schedule, or because the information required is included in the consolidated financial statements or the notes thereto.

#### (3) Exhibits

The following exhibits are filed as part of this report:

#### Item Number

#### 2. Plan of acquisition, arrangement, liquidation or succession

None



3. Articles of Incorporation and By-Laws

Memorandum of Association as amended on June 30, 1982, May 14, 1985 and April 7, 1988 and By-laws, as amended, filed as Exhibit 3 to Registration Statement No. 33-99052 as filed on November 7, 1995.

4. Instruments defining the rights of security holders, including indentures

None.

9. Voting trust agreement

None.

10. Material contracts

(a) Agreements relating to Kotaneelee.

(1.) Copy of Agreement dated May 28, 1959 between the Company et al. and Home Oil Company Limited et al. and Signal Oil and Gas Company filed as Exhibit 10(a)(1) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.

(2.) Copies of Supplementary Documents to May 28, 1959 Agreement (see (1) above), dated June 24, 1959, consisting of Guarantee by Home Oil Company Limited and Pipeline Promotion Agreement, filed as Exhibit 10(a)(2) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.

(3.) Copy of Modification to Agreement dated May 28, 1959 (see (1) above), made as of January 31, 1961, filed as Exhibit 10(a)(3) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.

(4.) Copy of Agreement dated April 1, 1966 among the Company et al. and Dome Petroleum Limited et al. filed as Exhibit 10(a)(4) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.

(5.) Copy of Letter Agreement dated February 1, 1977 between the Company and Columbia Gas Development of Canada, Ltd. for operation of the Kotaneelee gas field filed as Exhibit 10(a) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.

(b) Copy of Agreement dated January 28, 1972 between the Company and Panarctic Oils Ltd. for development of the offshore Arctic Islands gas fields filed as Exhibit 10(b) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.

(c) Stock Option Plan adopted December 9, 1992 filed as Exhibit 10(g) to Report on Form 10-K for the fiscal year ended June 30, 1993 is incorporated herein by reference.

11. Statement re computation of per share earnings

Not applicable.

12. Statement re computation of ratios

None.

13. Annual report to security holders

Not applicable.

16. Letter re change in certifying accountant

Not applicable.

18. Letter re change in accounting principles

None.

20. Previously unfiled documents

None.

21. Subsidiaries of the Company

Canpet Inc. incorporated in Delaware on August 3, 1973.  
C. S. Petroleum Limited incorporated in Nova Scotia on  
December 15, 1981.

22. Published report regarding matters submitted to vote of security holders

None.

23. Consents of experts and counsel

- (a) Paddock Lindstrom & Associates, Ltd. filed herein.
- (b) Ernst & Young filed herein.

24. Power of attorney

Not applicable.

27. Financial Data Schedule

Filed herein.

28. Information from reports furnished to state insurance regulatory authorities

Not applicable.

99. Additional exhibits

- (a) Complaint of Allied-Signal Inc. in its action against Dome Petroleum Limited, Amoco Production Company, and Amoco Canada Petroleum Company Ltd. filed September 2, 1988 in the Court of Queens Bench of Alberta, Judicial District of Calgary, Canada, filed as Exhibit 99(a) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.
- (b) Answer and Counterclaim of Dome Petroleum Limited, Amoco Production Company, and Amoco Canada Petroleum Company Ltd. filed September 21, 1988 in the Court of Queen's Bench of Alberta, Judicial District of Calgary, Canada, which answers the Allied-Signal complaint in (b) above and which names the Company and others as counterclaim defendants, filed as Exhibit 99(b) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.



- (c) Statement of Claim filed on October 27, 1989 against Columbia Gas Development of Canada Ltd., Amoco Production Company, Dome Petroleum Limited, Amoco Canada Petroleum Company Ltd., Mobil Oil Canada Ltd. and Esso Resources of Canada Ltd. in the Court of Queen's Bench of Alberta Judicial District of Calgary, Alberta, Canada filed as Exhibit 99(c) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.
- (d) Amended Statement of Claim, amending the October 27, 1989 Statement of Claim, filed on March 12, 1990 and filed as Exhibit 99(d) to Registration Statement No. 33-99052 as filed on November 7, 1995 is incorporated herein by reference.
- (e) Amended Statement of Claim in the same action, filed on November 17, 1993, filed as Exhibit 28(ii) to Form 8-K dated November 17, 1993 is incorporated herein by reference.
- (f) Amended Statement of Third Party Notice by Amoco Canada Production Company Ltd. and Amoco Production Company, filed November 17, 1993 in the same action, and filed as Exhibit 99(e).
- (g) Amended Statement of Defense to Third Party Notice by Anderson Oil & Gas Inc. (formerly Columbia Gas Development of Canada Ltd.) filed January 27, 1994 in the same action, and filed as Exhibit 99(g) to Form 10-K dated for the period ended December 31, 1993, is incorporated herein by reference.
- (h) Documents regarding settlement with AlliedSignal Inc. as Exhibits to Form 8-K as filed on January 30, 1996 are incorporated herein by reference.
  - (1) Covenant Not to Sue.
  - (2) Discontinuance of Action. Action No. 8801-13549 Court of Queen's Bench of Alberta Judicial District of Calgary.
  - (3) Order. Action No. 8801-123549 Court of Queens Bench of Alberta Judicial District of Calgary.
  - (4) Partial Discontinuance of Counterclaim. Action No. 8801-13549 Court of Queens Bench of Alberta Judicial District of Calgary.

- (5) Notice of Discontinuance of Third Party Proceedings as Against Allied-Signal Inc. Action No. 9001-03466 Court of Queens Bench of Alberta Judicial District of Calgary.

(b) . Reports on Form 8-K

On October 1, 1997, the Company filed a Current Report on Form 8-K to report that Mr. Charles J. Horne resigned as a director of the Company for primarily health reasons, and that Mr. Timothy L. Largay was elected a director.

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

### CANADA SOUTHERN PETROLEUM LTD. (Registrant)

Dated: March 27, 1998

By /s/ M. Anthony Ashton  
**M. Anthony Ashton**  
President and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

By /s/ M. Anthony Ashton  
**M. Anthony Ashton**  
President and Director

By /s/ Beverley A. Scobie  
**Beverley A. Scobie**  
Treasurer and Chief Financial and  
Accounting Officer

Dated: March 27, 1998

Dated: March 27, 1998

By /s/ Benjamin W. Heath  
**Benjamin W. Heath**  
Director

By /s/ Timothy L. Largay  
**Timothy L. Largay**  
Director

Dated: March 27, 1998

Dated: March 27, 1998

By /s/ Arthur B. O'Donnell  
**Arthur B. O'Donnell**  
Director

By /s/ Eugene C. Pendery  
**Eugene C. Pendery**  
Director

Dated: March 27, 1998

Dated: March 27, 1998



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ASTORIA, OREGON, MAY 10, 1900.

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ASTORIA, OREGON, MAY 10, 1900.

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**Canada Southern Petroleum Ltd.**  
 10000 100 Avenue, Suite 100  
 Calgary, Alberta T2C 0P5  
 Canada  
 Tel: (403) 243-7741

**DIRECTORS**

**W. A. Ashtina**

President

Canadian Southern Petroleum Ltd.

Calgary, Alberta

**Dr. David W. Davis**

Chairman

David Davis Inc., a Division of

Newport Beach, California

**Timothy E. Laggie**

Director

Timothy E. Laggie, Robinson and Company LLP

Calgary, Alberta

**Thomas C. Pandey**

Director

Highway Plastic Products Inc.

Edmonton, Canada

**Arthur B. O'Donell**

Chairman

Arthur B. O'Donell, Chairman

**OFFICERS**

**M. Anthony Ashtin**

President

**Bernard A. Smith**

Treasurer

**John B. Johnson**

Secretary

**EXECUTIVE ADVICE**

**Dr. David W. Davis**, Chairman of the Board

David Davis Inc., a Division of

Newport Beach, California

David Davis Inc.

**Thomas C. Pandey**, Chairman of the Board

Highway Plastic Products Inc.

Edmonton, Canada

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**CHARTER OF THE BOARD OF DIRECTORS**

**Article I**

**Section 1**

**Section 2**

**Section 3**

**Section 4**

**Section 5**

**WEB SITE**

Financial results, corporate news and other information are available on the Company's web site: <http://www.csp-ltd.com>

All shareholder requests for stock transfers, stock ownership or address changes, lost stock certificates and other such matters, should be referred to the Company's Transfer Agents in Canada or in the United States. In Canada, such requests may be directed to Canada Southern's Executive Offices in Calgary, or, if more convenient, by telephone, to CS&P INC., 145 Durnan Road, Oak Park-Unit 21, Madison, Connecticut 06442-1400, Tel: (781) 345-1854.

The exchange of shares on the Toronto, Montreal and Pacific Exchanges is CSW.

The OTCBB and NASDAQ market data use ticker symbol CSPLF.





## **CANADA SOUTHERN PETROLEUM LTD.**

One Palliser Square, Suite 1410

125 Ninth Avenue, S.E.

Calgary, Alberta T2G 0P6

(403) 269-7741

### **DIRECTORS**

#### **M. A. Ashton**

President

Canada Southern Petroleum Ltd.

Calgary, Alberta

#### **Benjamin W. Heath**

President

Coastal Caribbean Oils & Minerals, Ltd.

Newport Beach, California

#### **Timothy L. Largay**

Attorney

Murtha, Cullina, Richter and Pinney LLP

Hartford, Connecticut

#### **Eugene C. Pendery**

President

Recycled Plastic Products, Inc.

Denver, Colorado

#### **Arthur B. O'Donnell**

Consultant

West Hartford, Connecticut

### **OFFICERS**

#### **M. Anthony Ashton**

President

#### **Beverley A. Scobie**

Treasurer

#### **Kelly B. Johnson**

Secretary

### **TRANSFER AGENTS**

American Stock Transfer & Trust Co.

40 Wall Street, 46<sup>th</sup> Floor

New York, New York 10005

(800) 937-5449

The Montreal Trust Company

600, 530-8<sup>th</sup> Avenue, S.W.

Calgary, Alberta T2P 3S8

CANADA

(403) 267-6555

### **CHARTERED ACCOUNTANTS**

Ernst & Young

1300 Ernst & Young House

707 Seventh Avenue, S.W.

Calgary, Alberta T2P 3H6

CANADA

### **WEB SITE**

Financial results, corporate news and other company information are available on the Company's web site:

<http://www.cansopet.com>

All shareholder correspondence relating to stock ownership or address changes, lost stock certificates, and other such matters should be directed to the Company's Transfer Agents in Canada or in the United States, as shown above. Other inquiries may be directed to Canada Southern's Executive Offices in Calgary, or, if more convenient, to the Company, c/o G&O'D INC, 149 Durham Road, Oak Park-Unit 31, Madison, Connecticut 06443. Telephone: (203) 245-7664

The ticker symbol used on the **Toronto**, Boston and Pacific Exchanges is **CSW**.

The **NASDAQ** SmallCap Market uses the ticker symbol **CSPLF**.

